GRIP ENTRY TOTAL STREET

139

68

78

BB

98

80

BIOLOGY

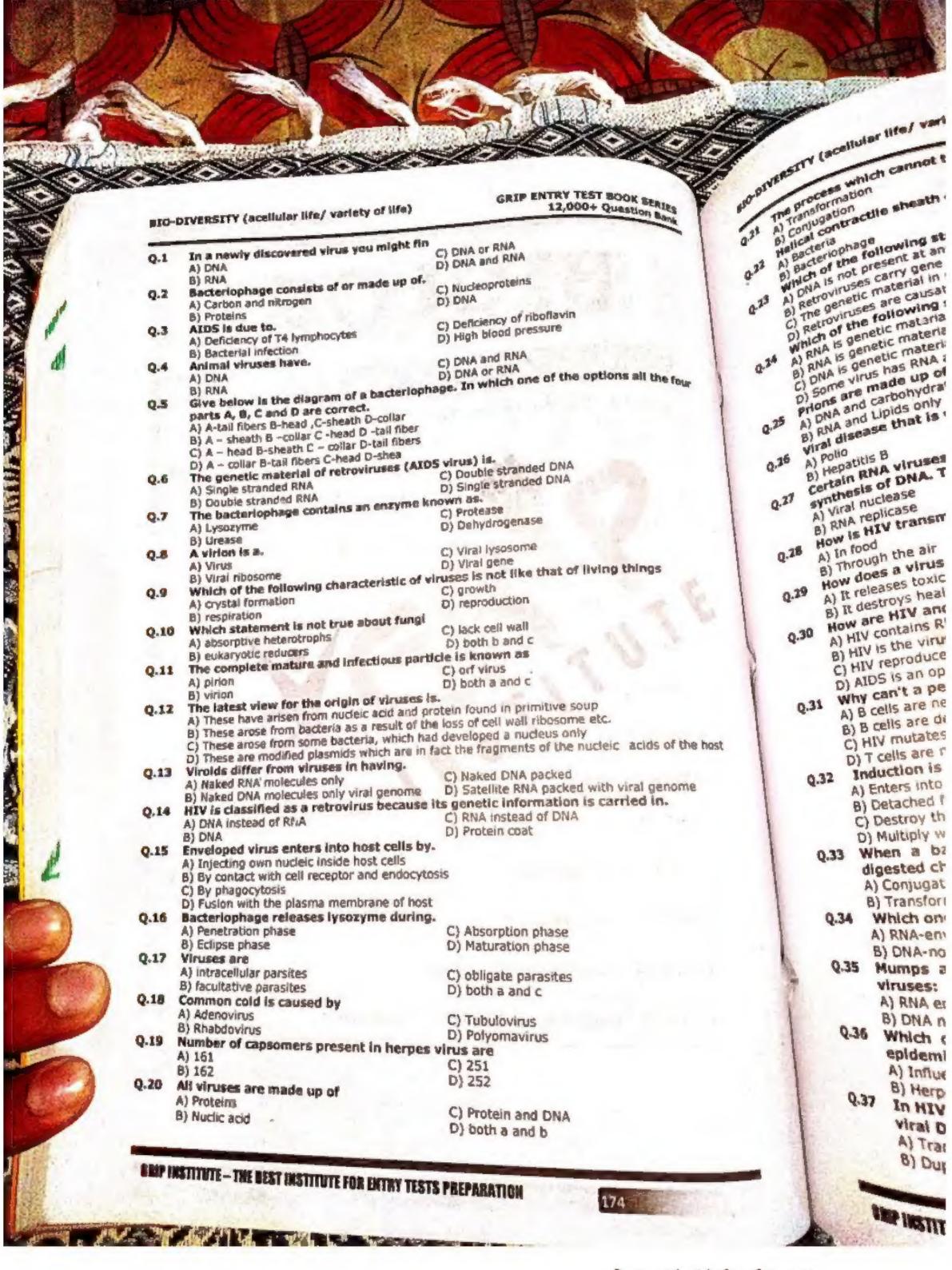
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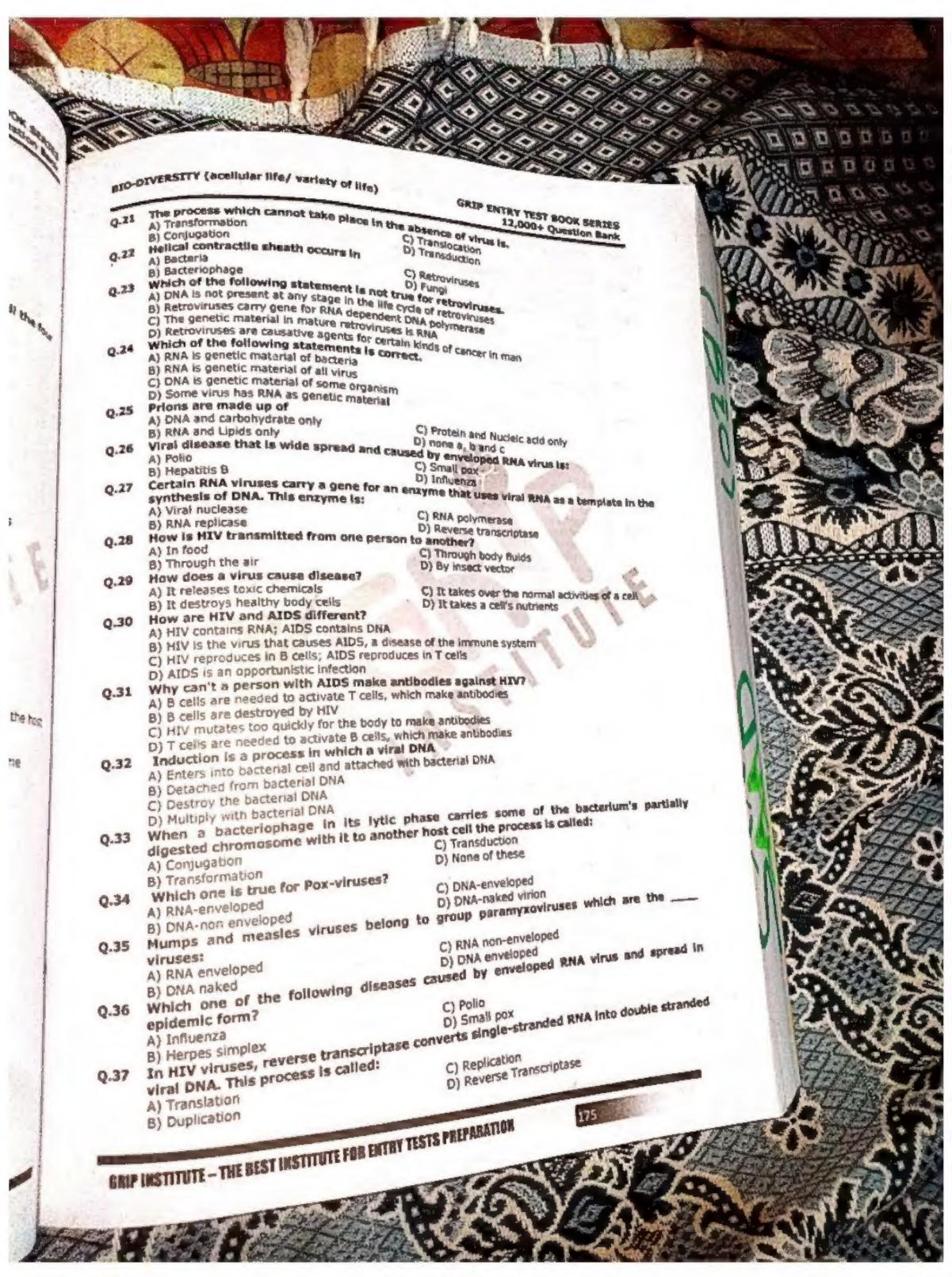
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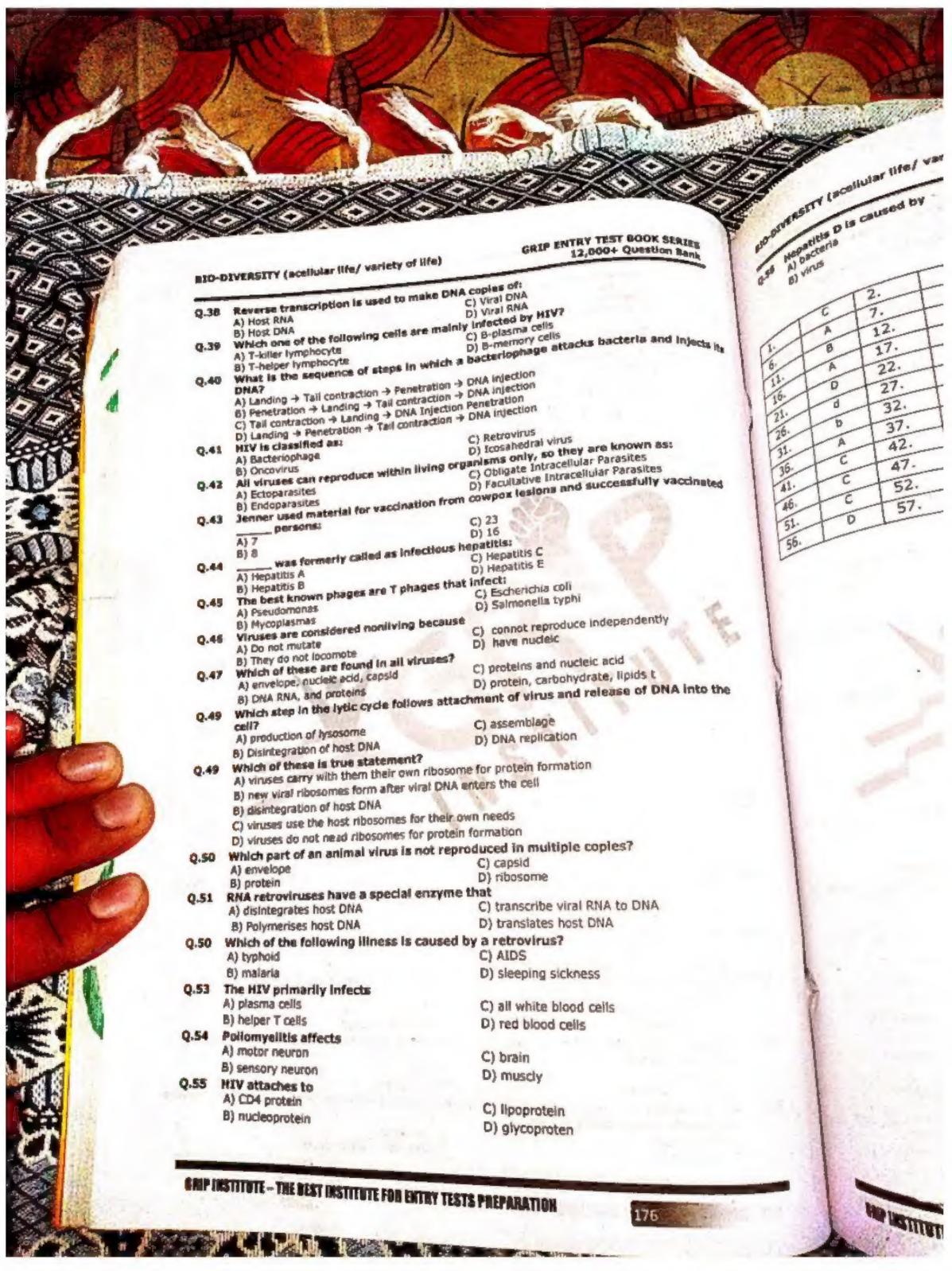
Units	Topics	
Unit # 1		Page No.
Unit # 2	Bio Energetic	174 - 177
Unit # 3	Biological Molecules / Enzymes	178 - 187
Unit#4	Cell Structure and Function	188 - 200
Unit # 5	Coordination and Control	201-211
Unit # 6	Diversity among Animals	212 - 221
Unit #7	Evolution	222 - 224
		225 - 227
Unit #8	Life Process in Animals and Plants	228 - 236
Unit #9	Immunity	237
Unit # 10	Digestive System	238 - 241
Unit # 11	Gas Exchange	242 - 252
Unit # 12 Prokaryotes		253 – 255
Jnit # 13	nit # 13 Reproduction	
Init # 14 Support and Movement		263 – 26
nit # 15	Variation and Genetic/ Inheritance	270 - 27

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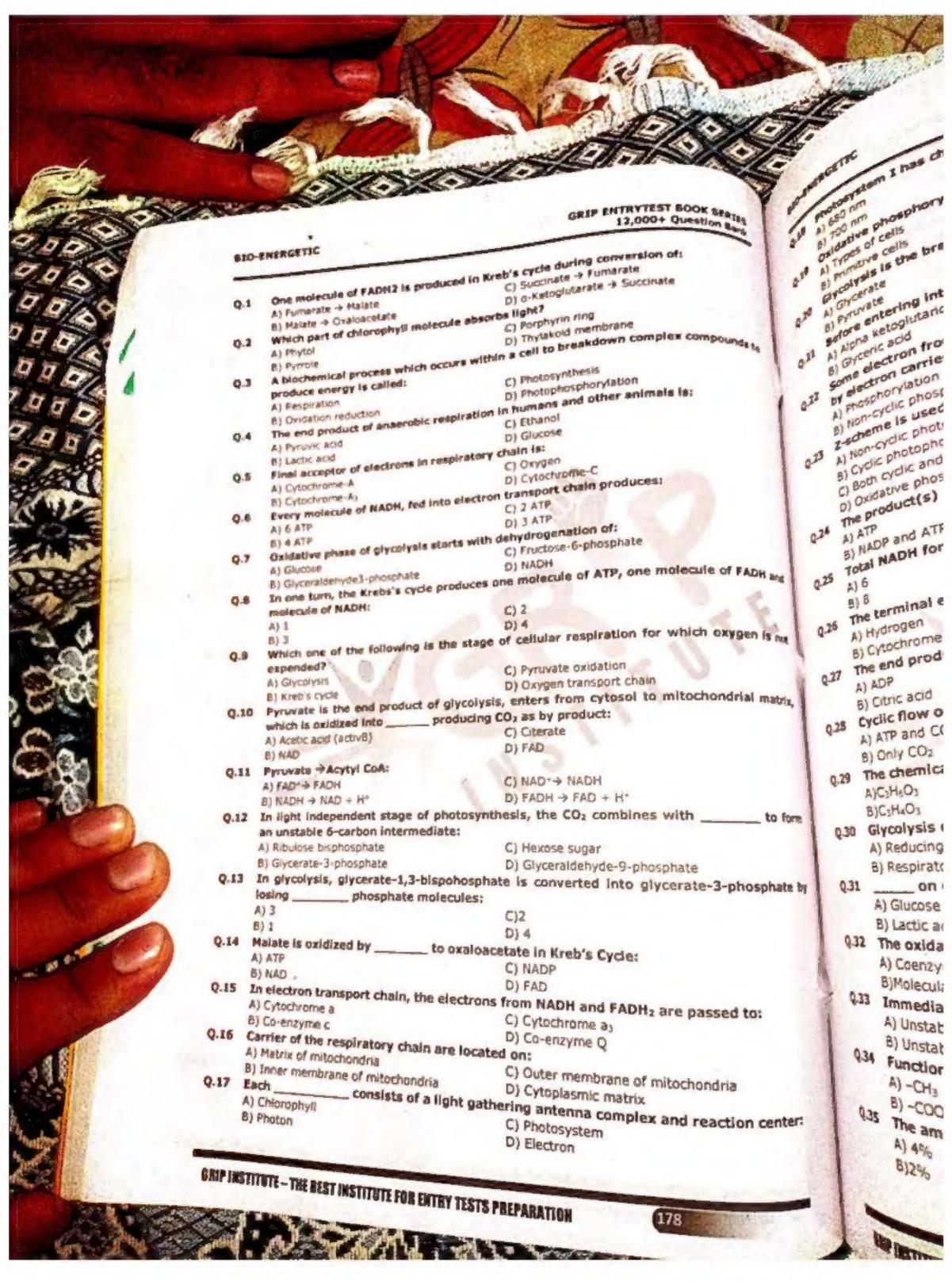
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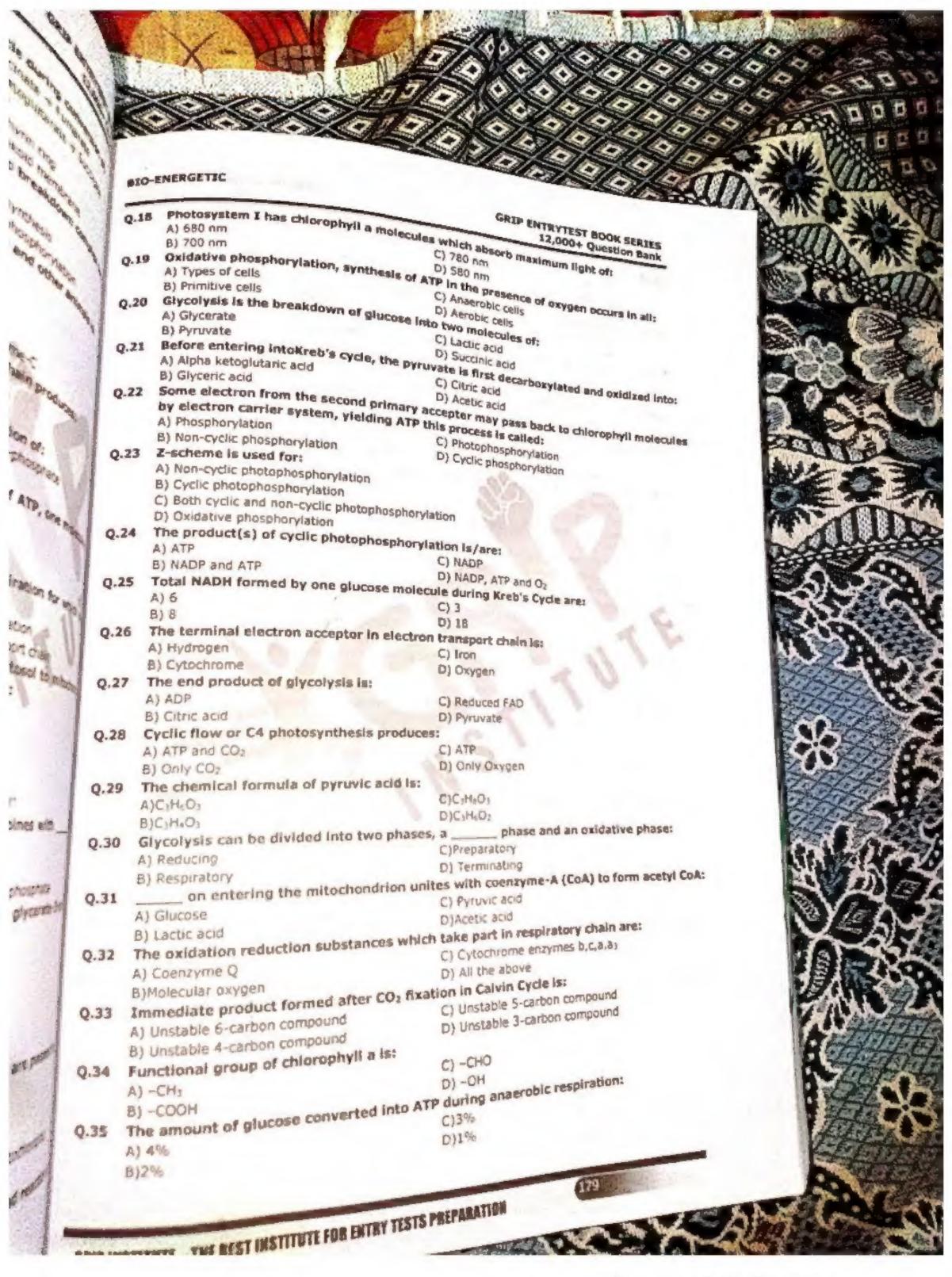


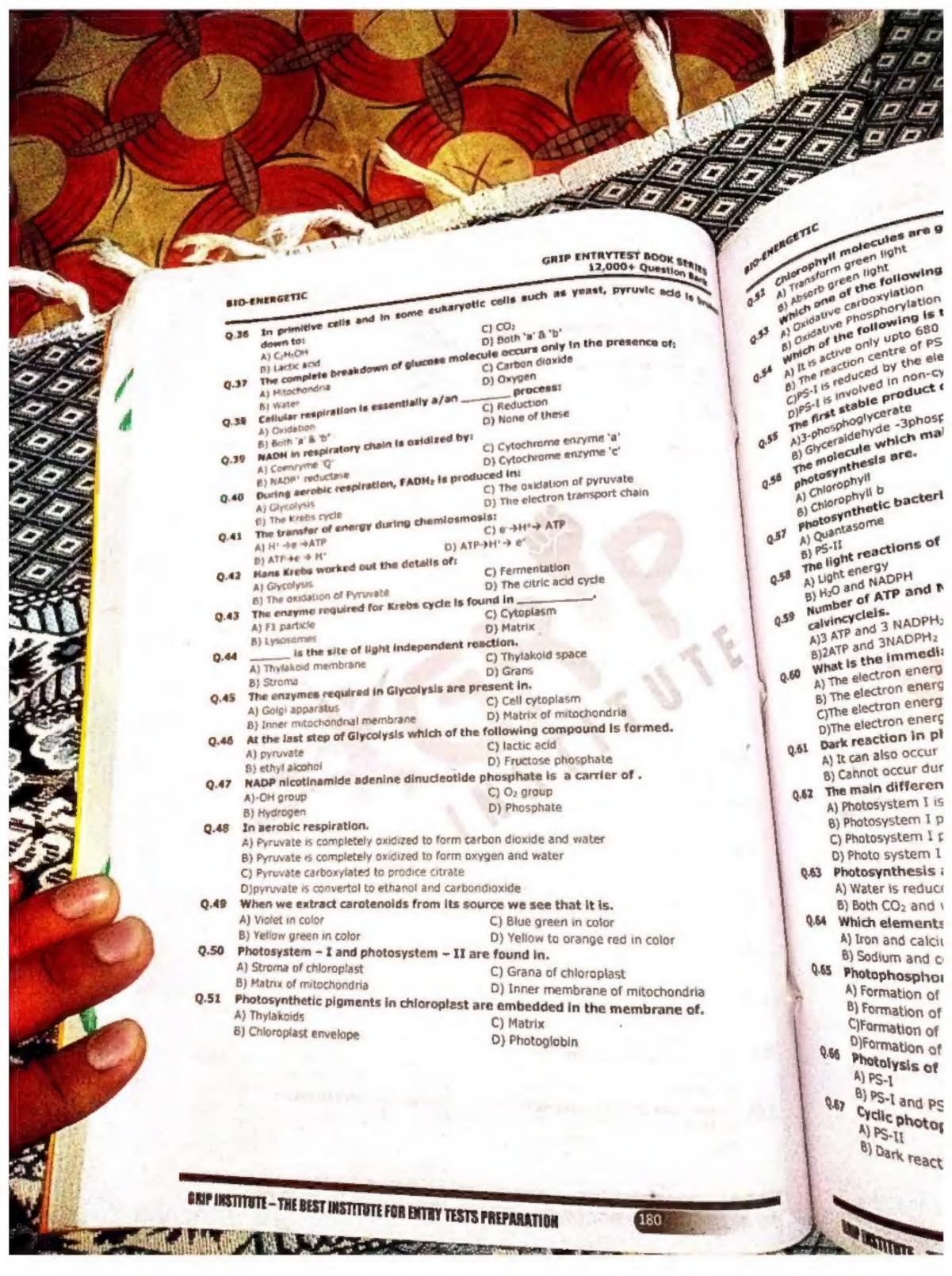


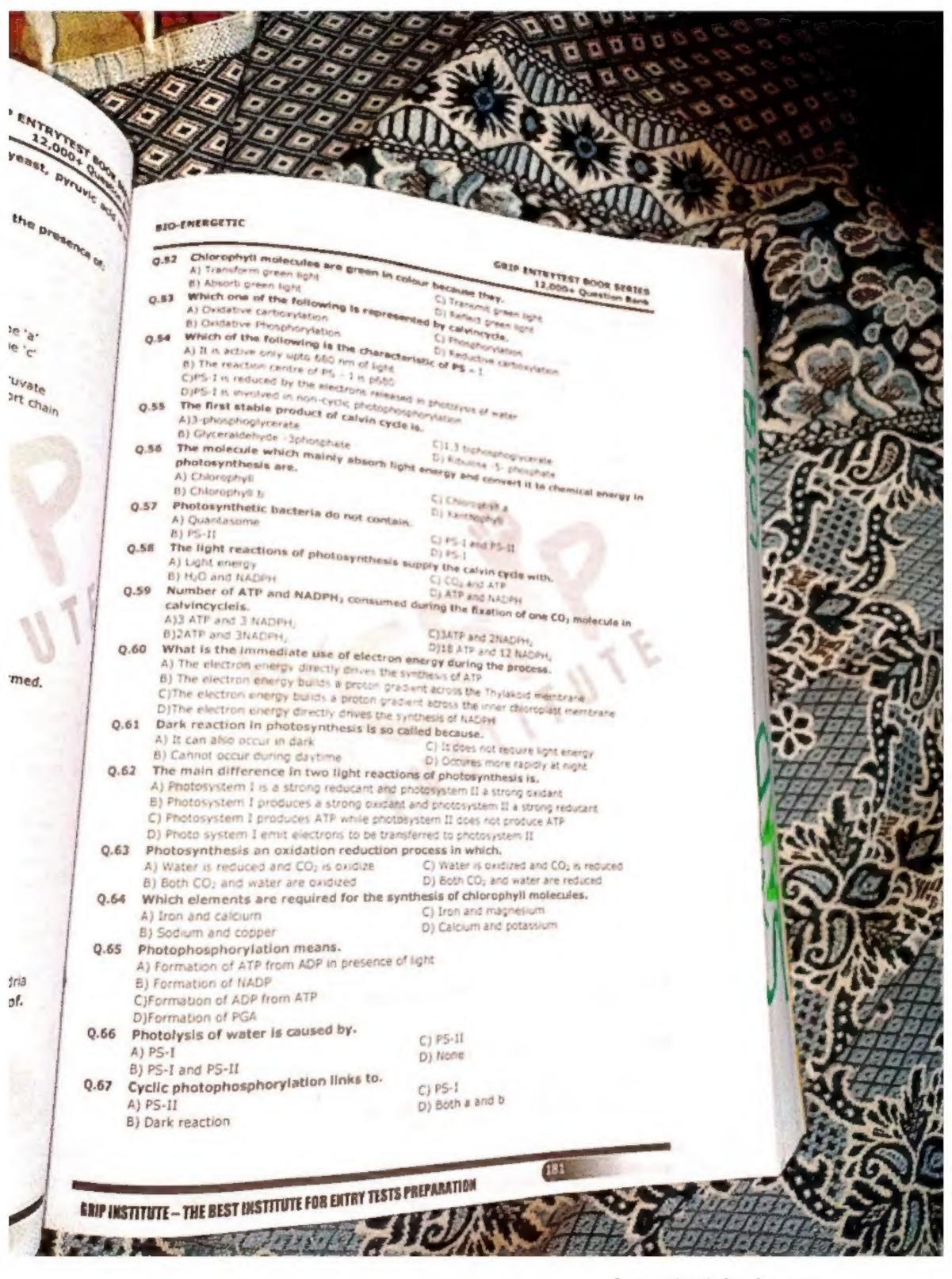


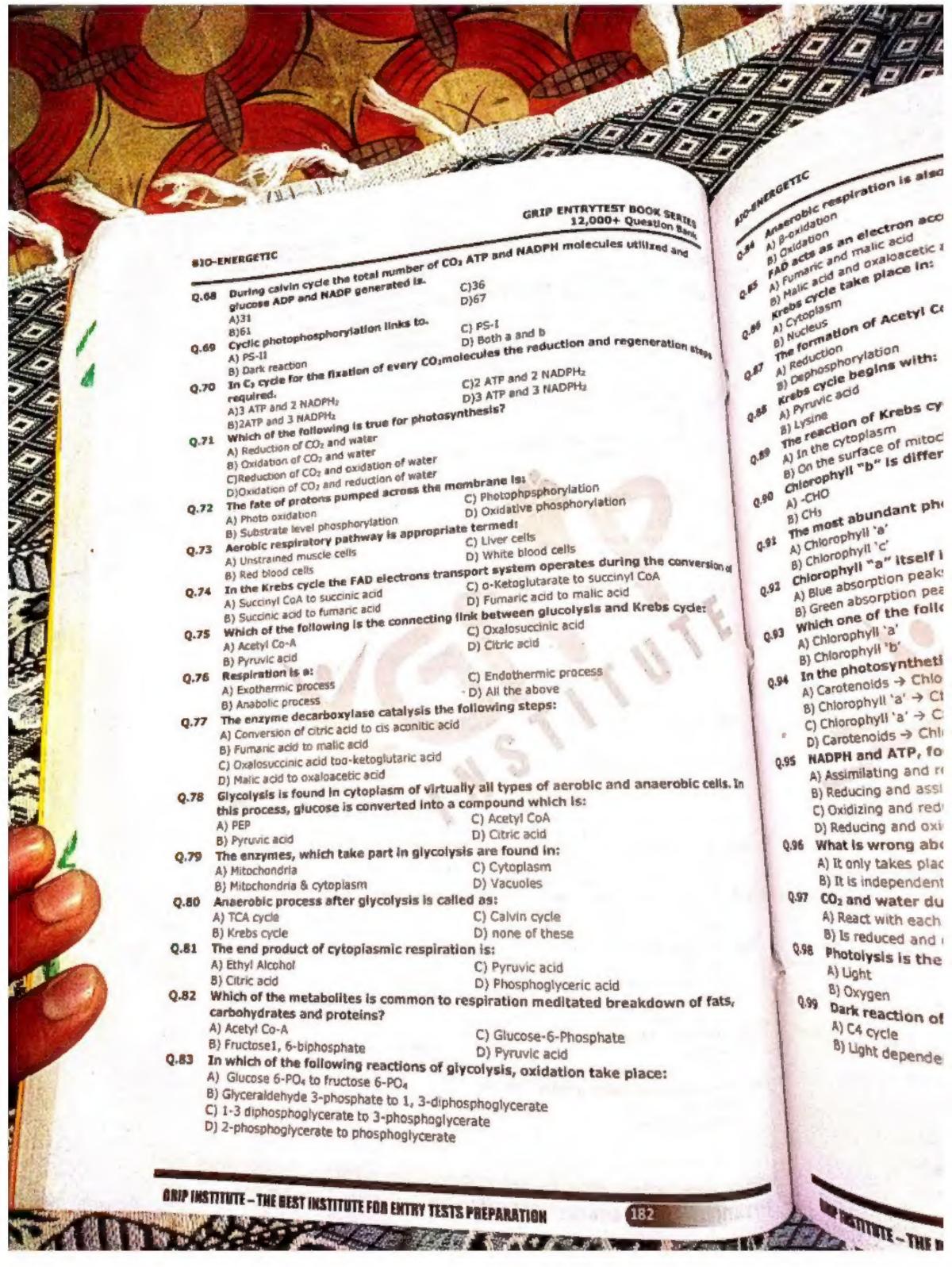


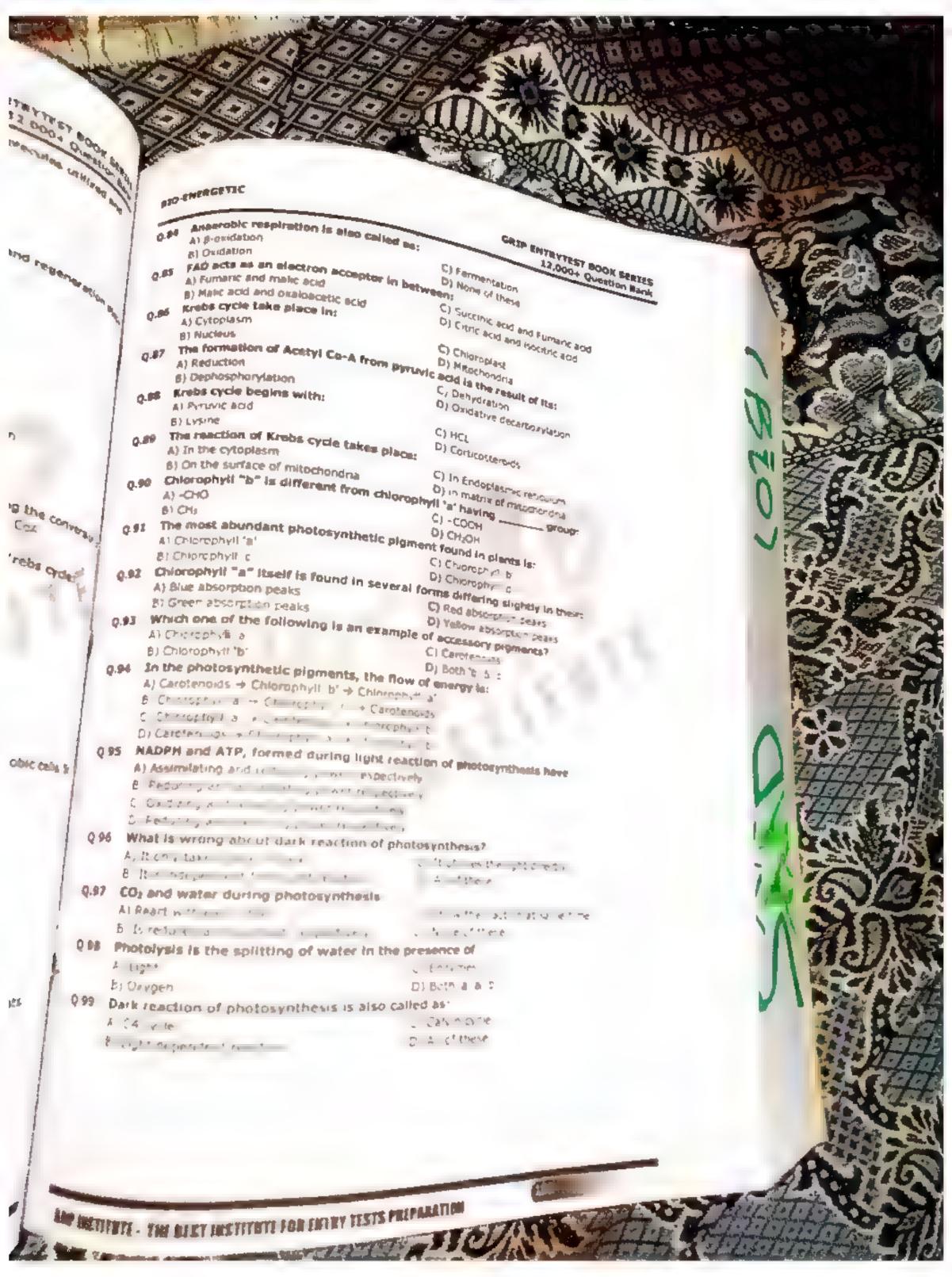


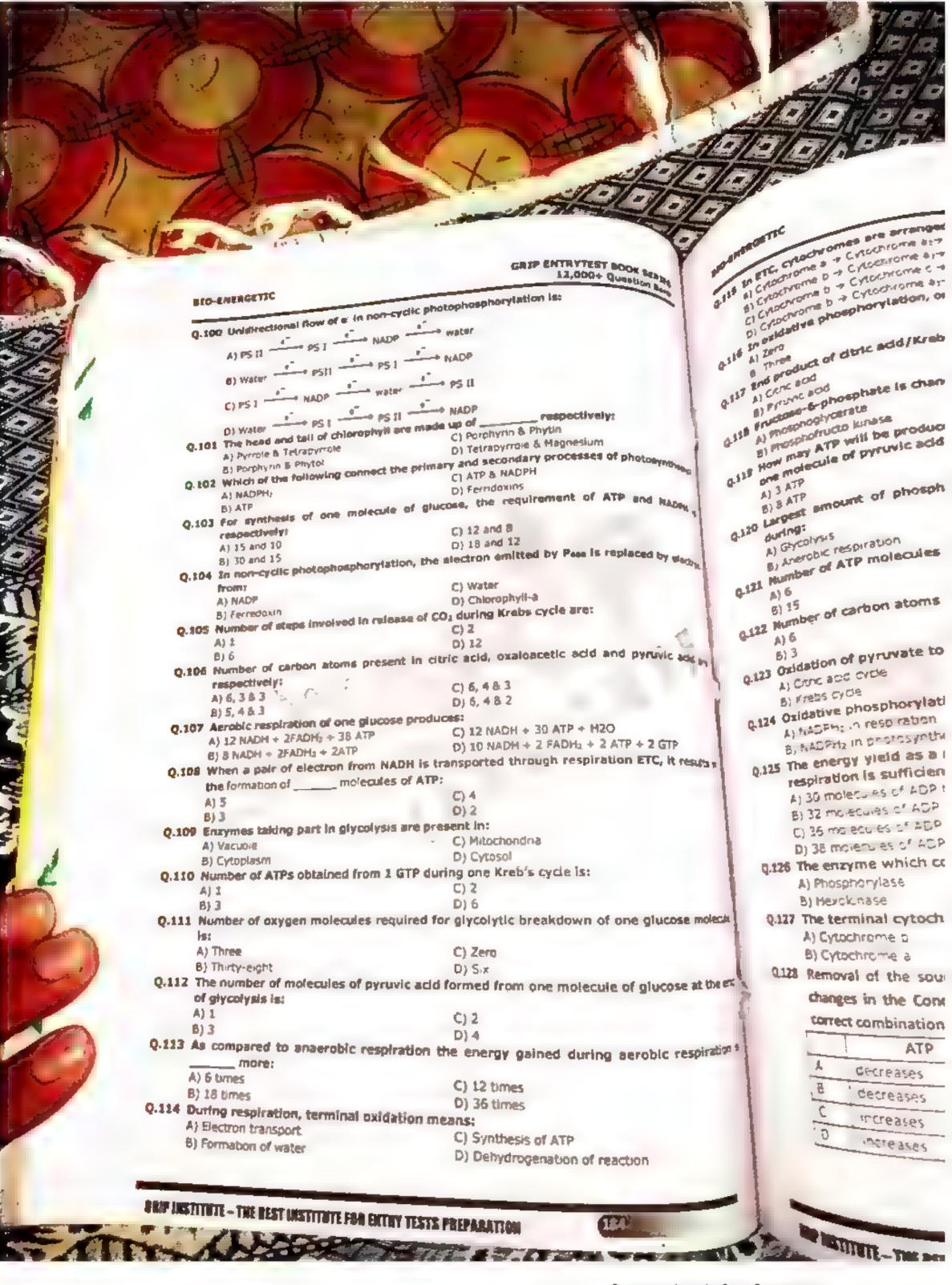


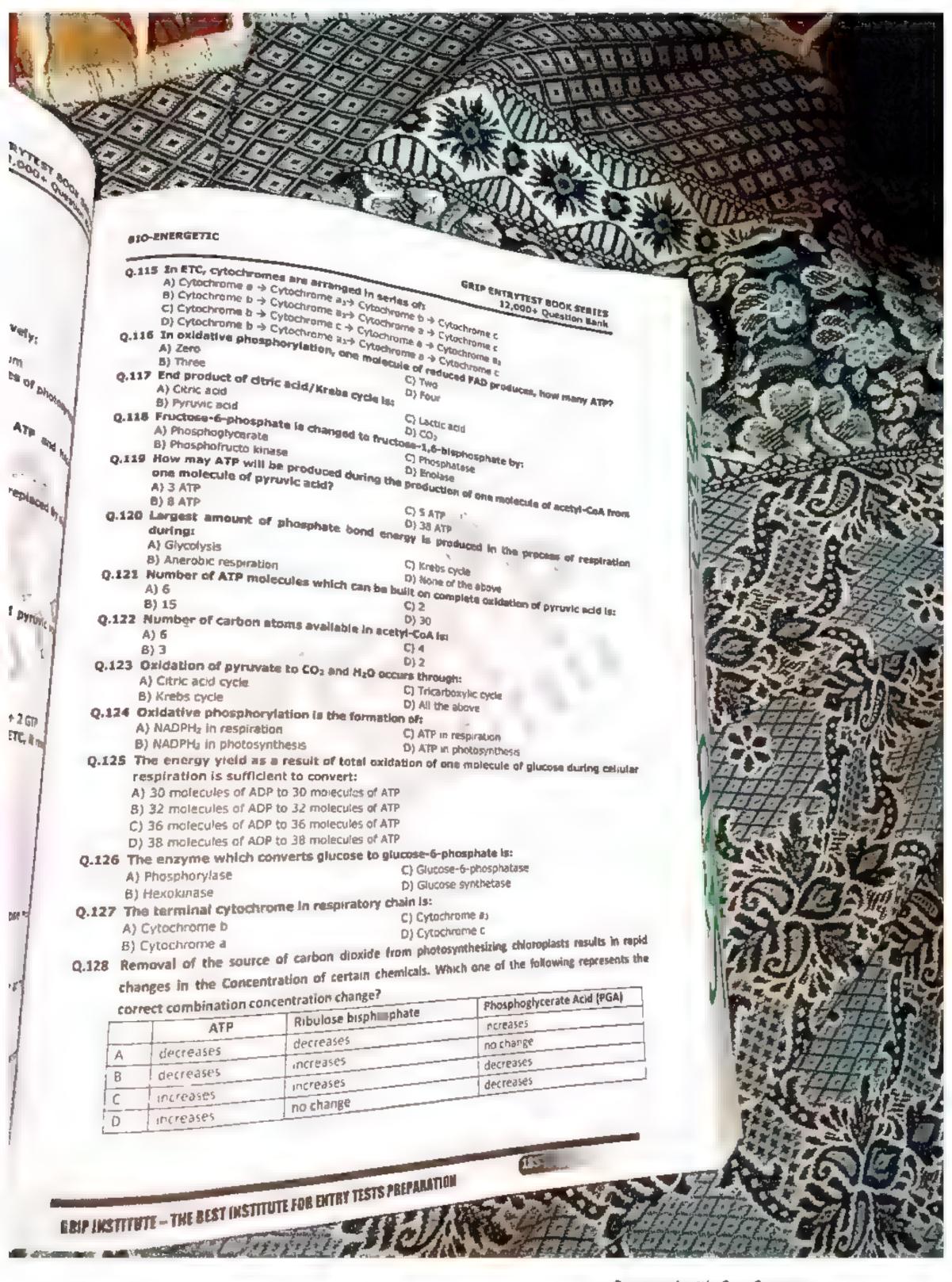


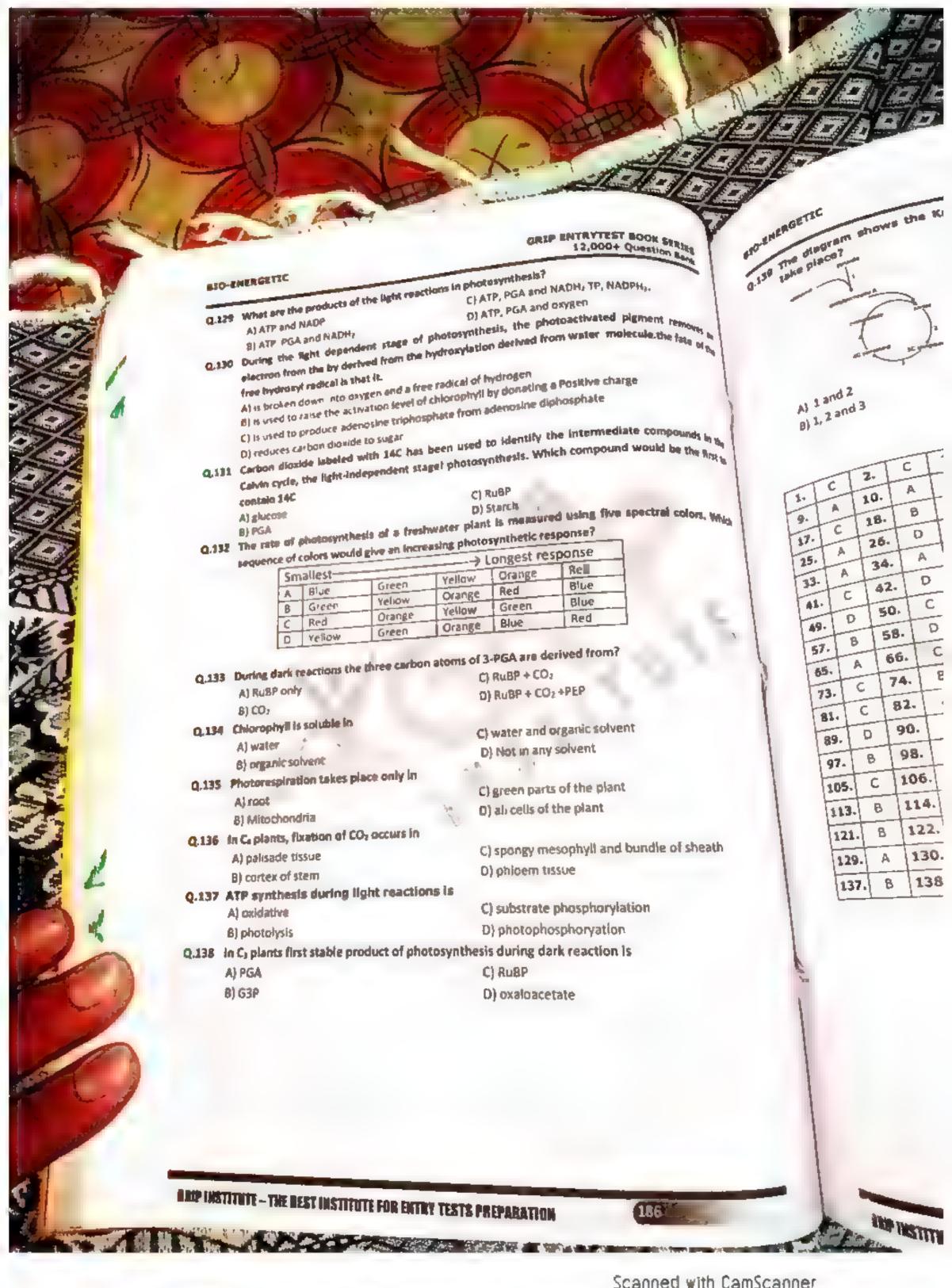


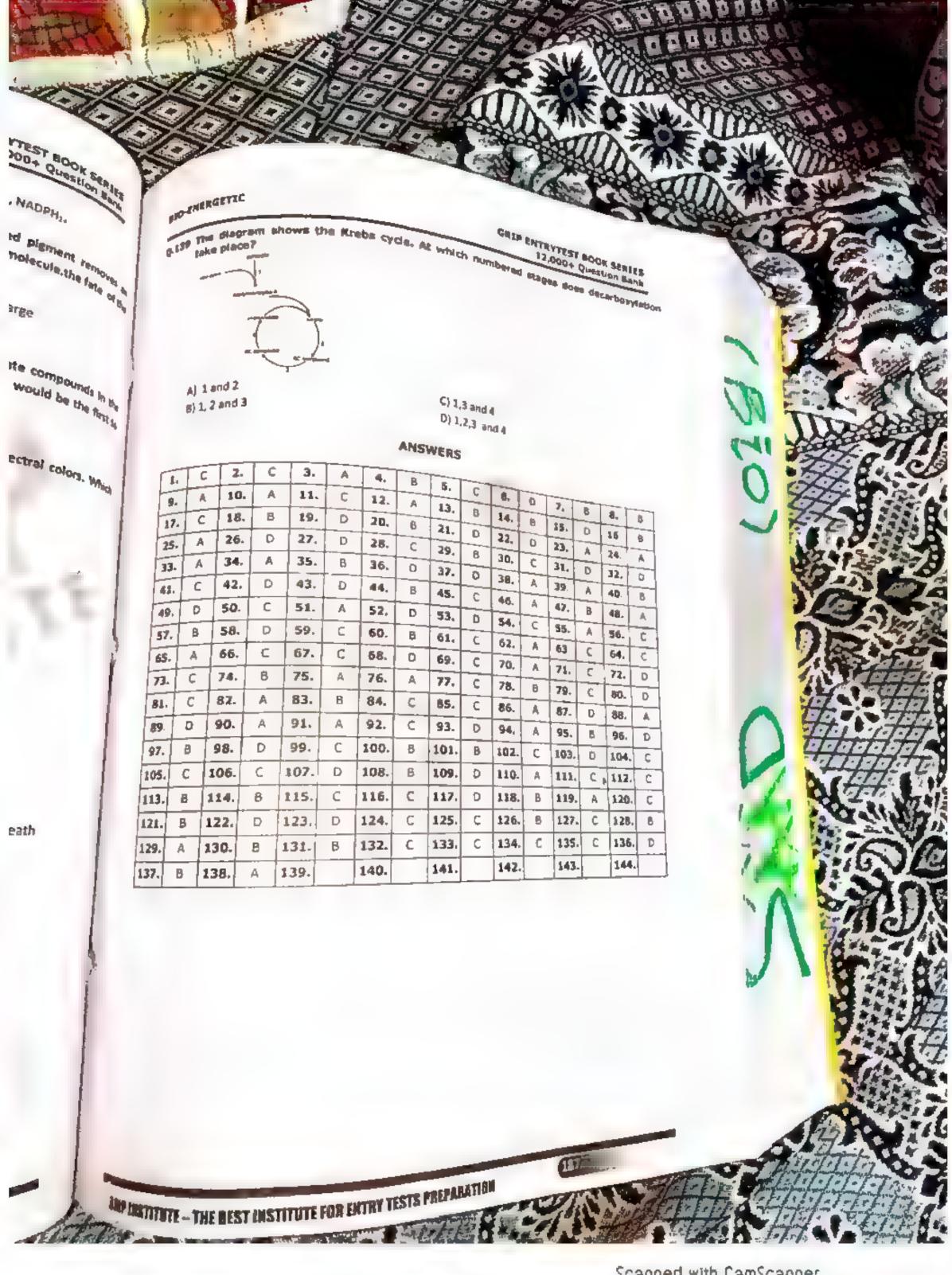


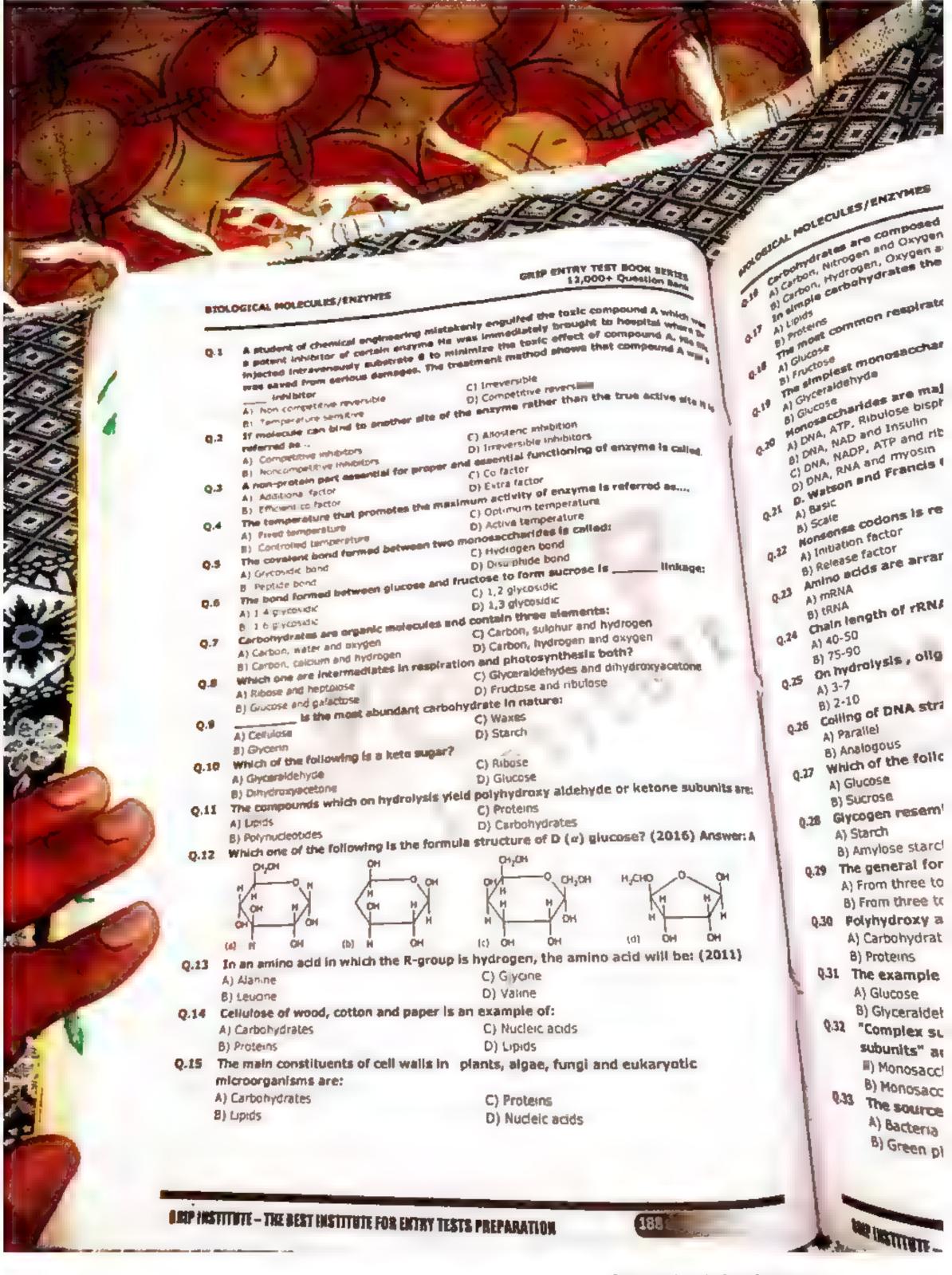


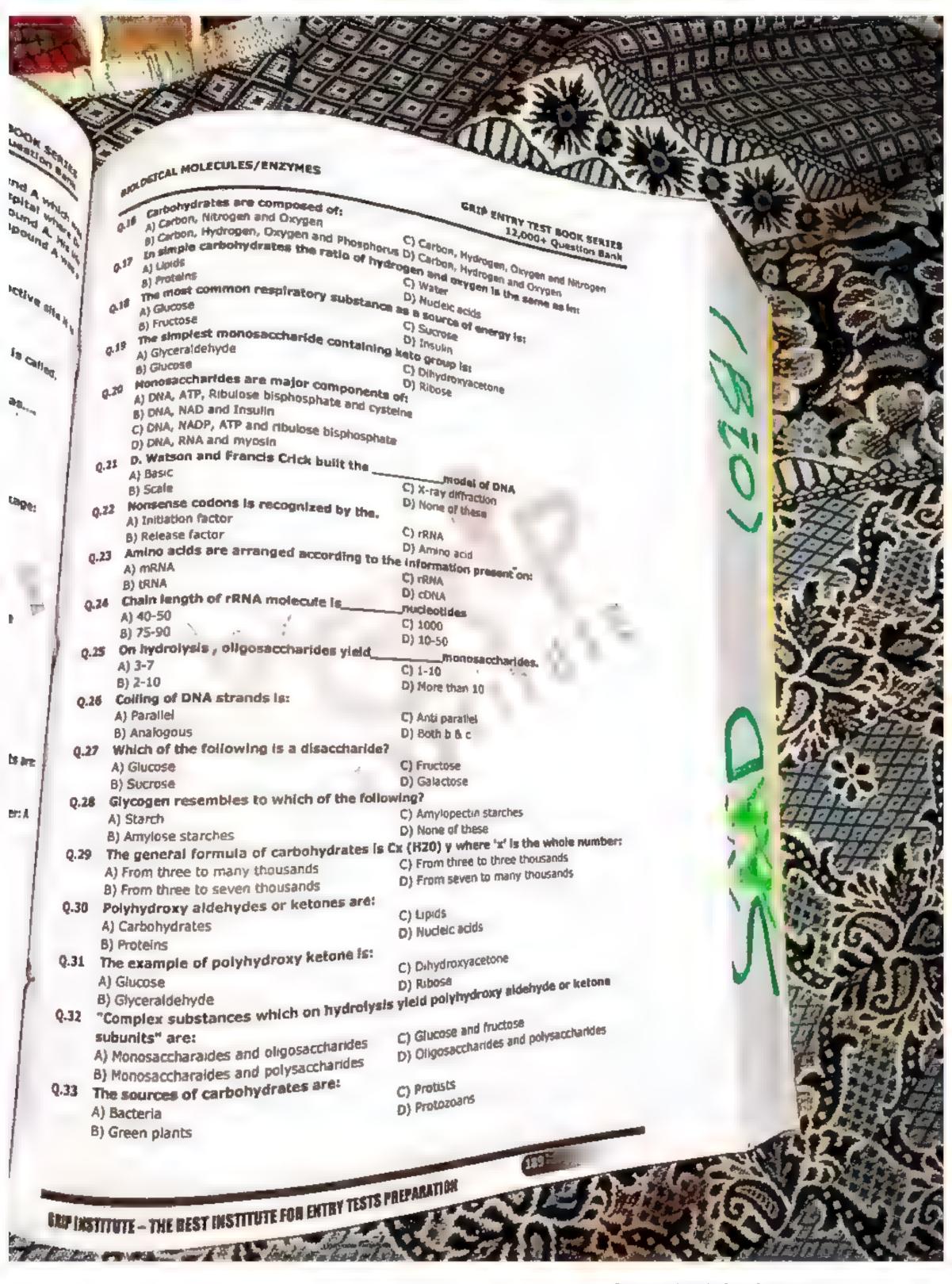


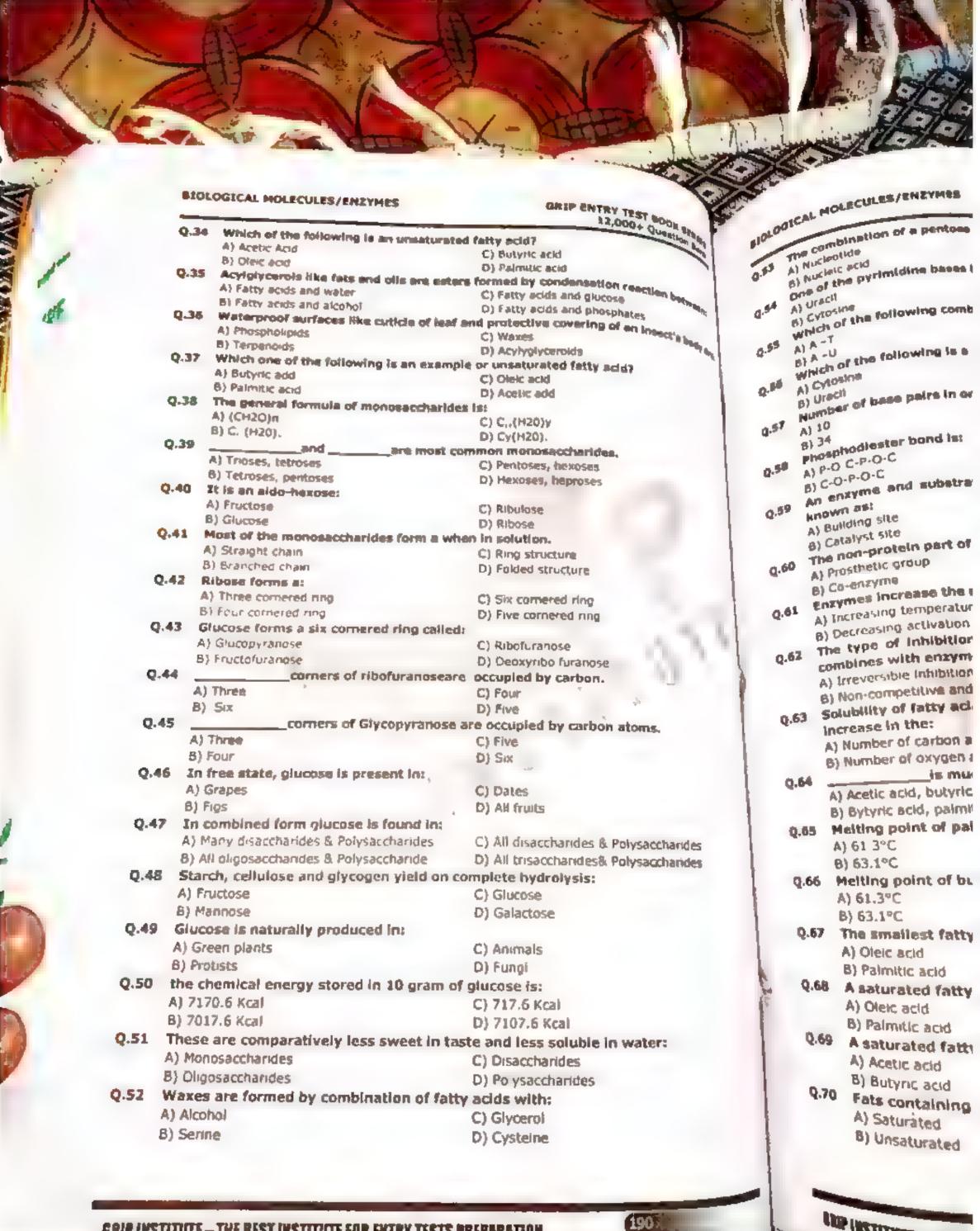








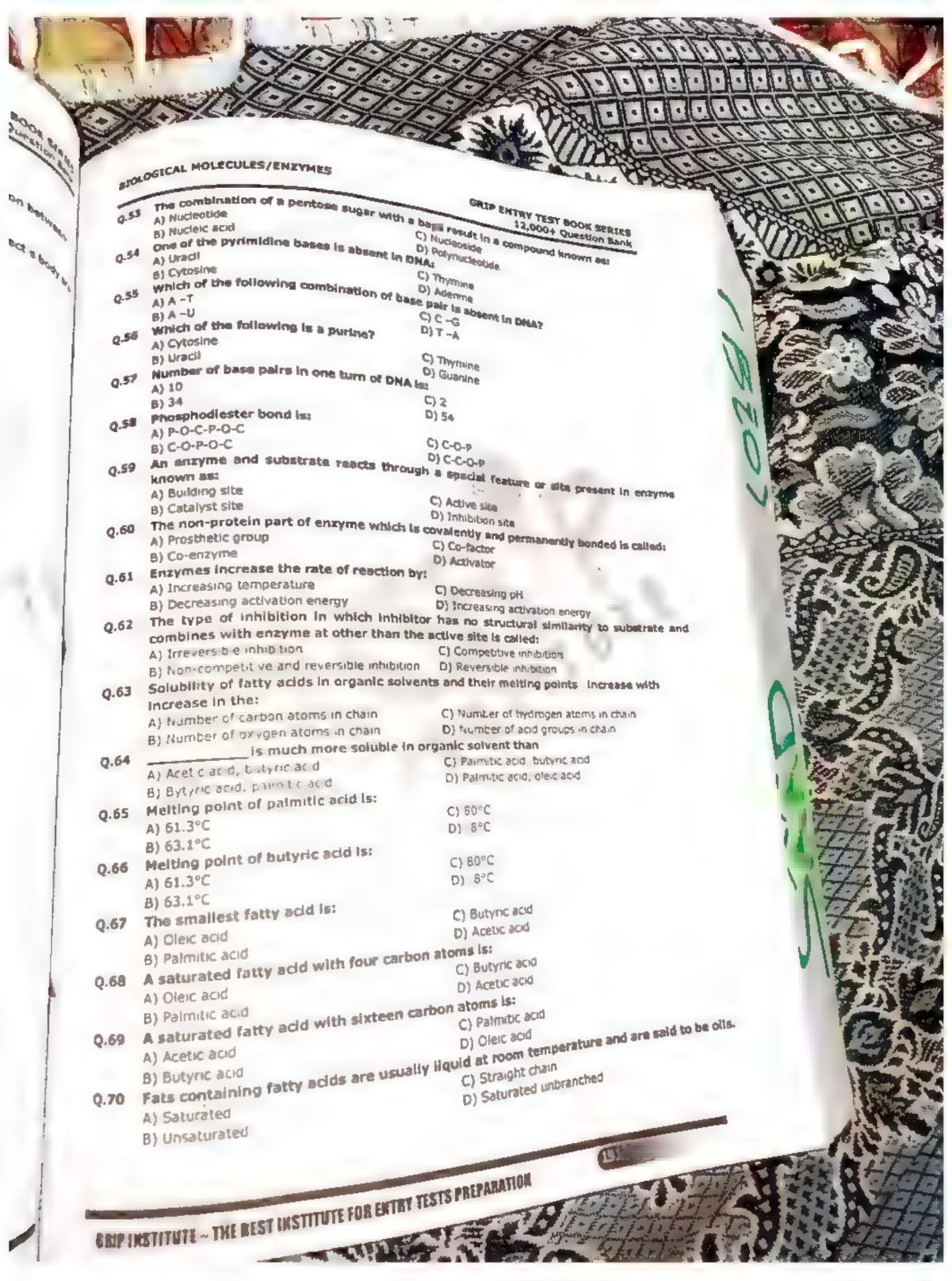


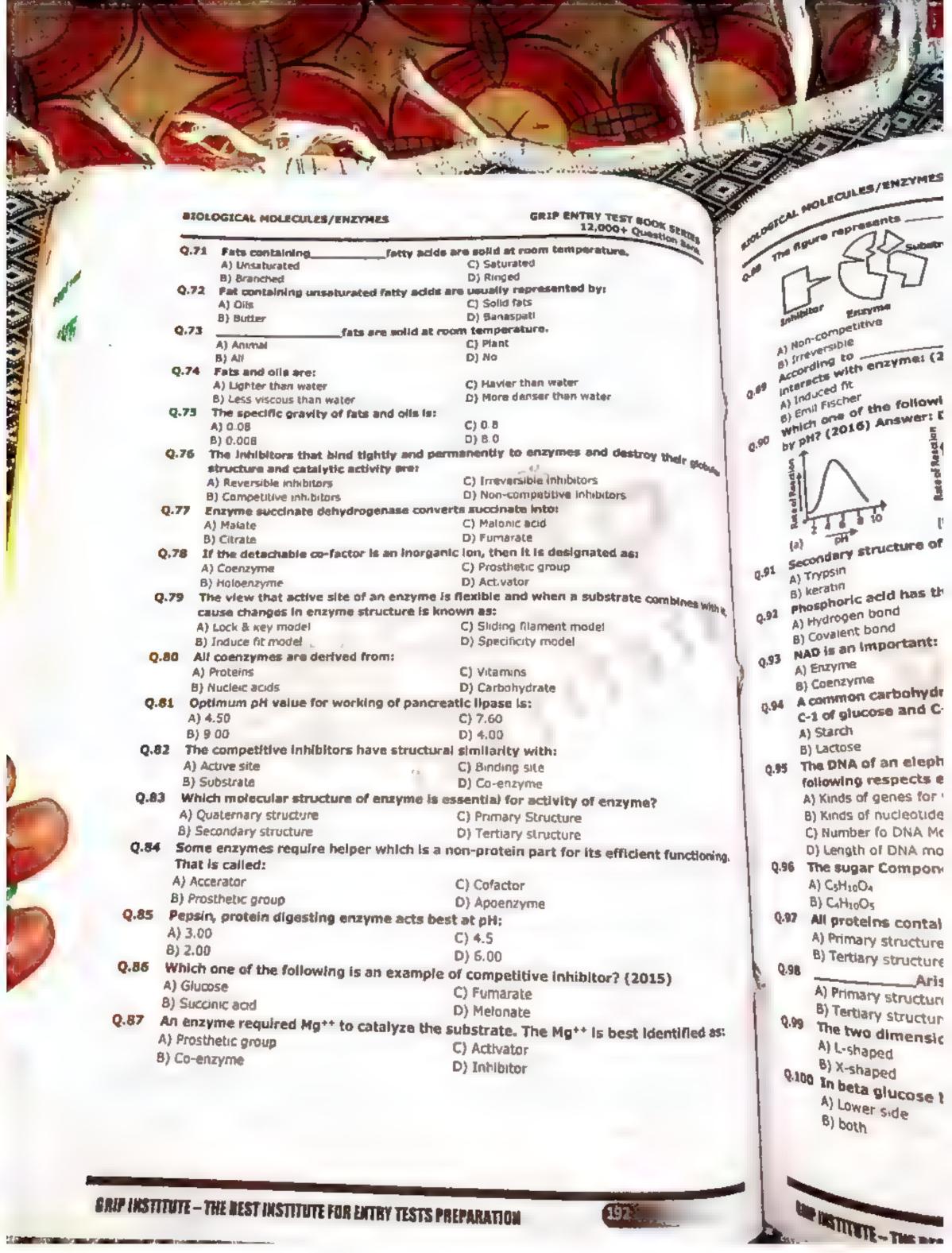


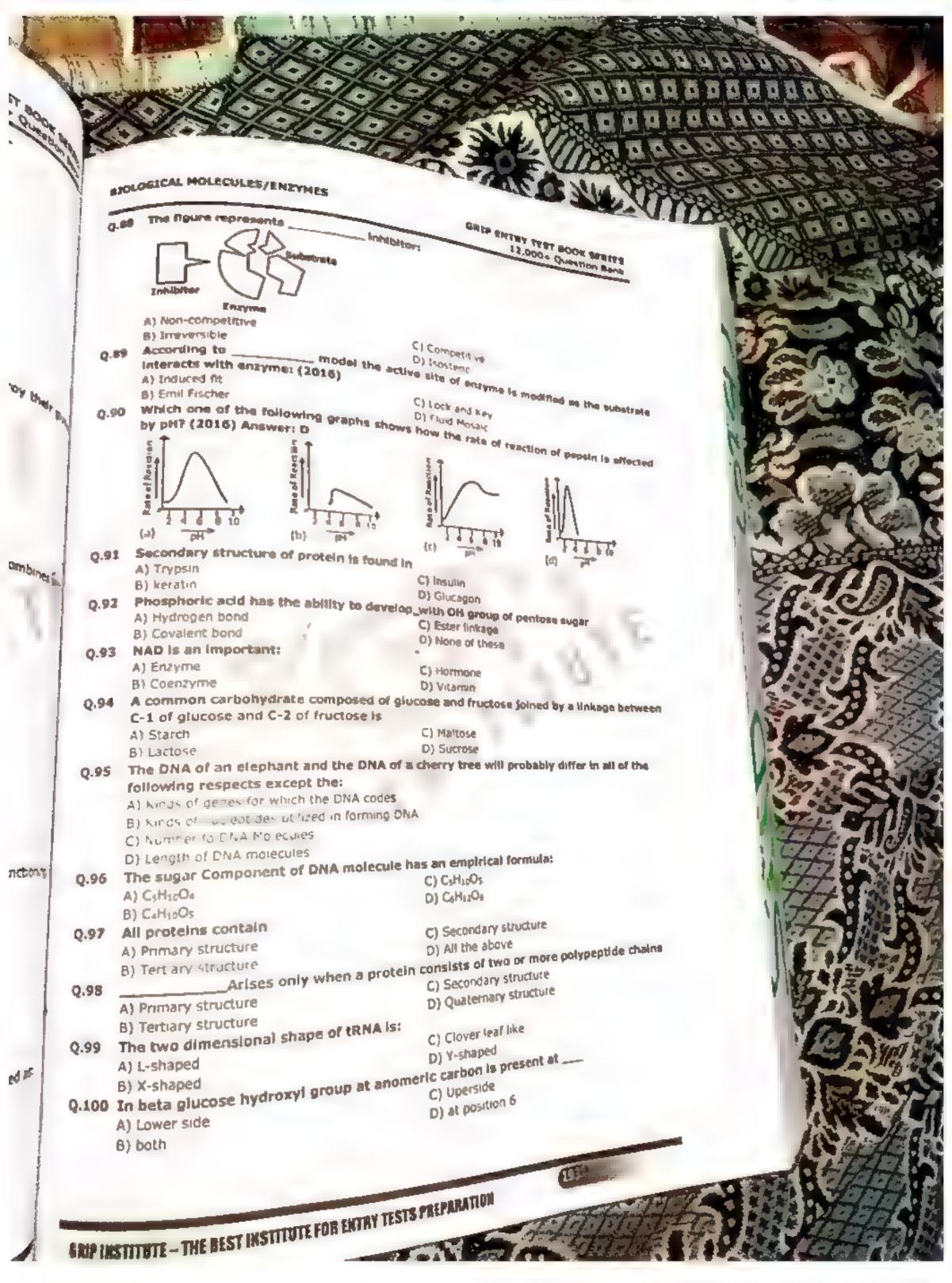
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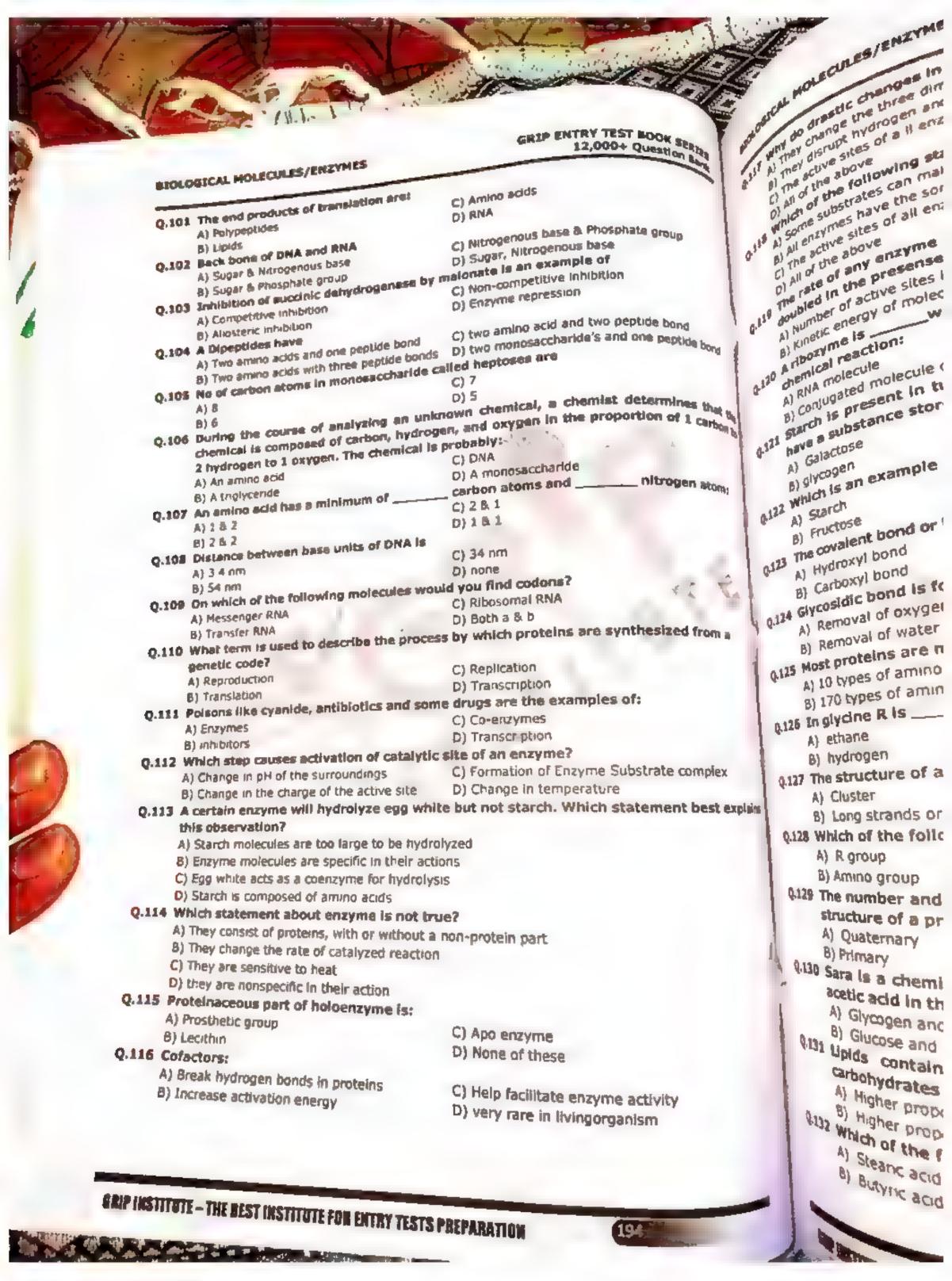
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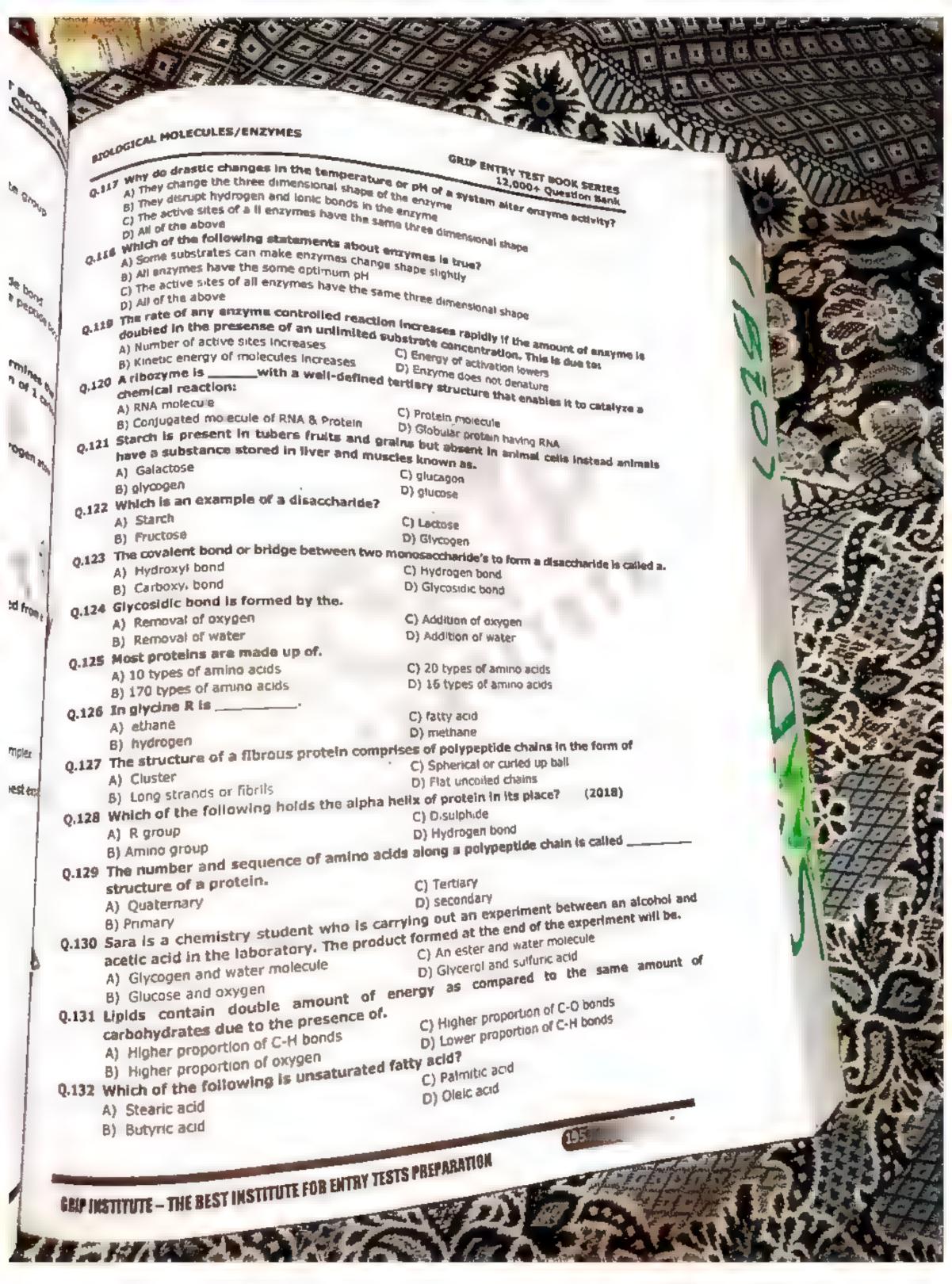
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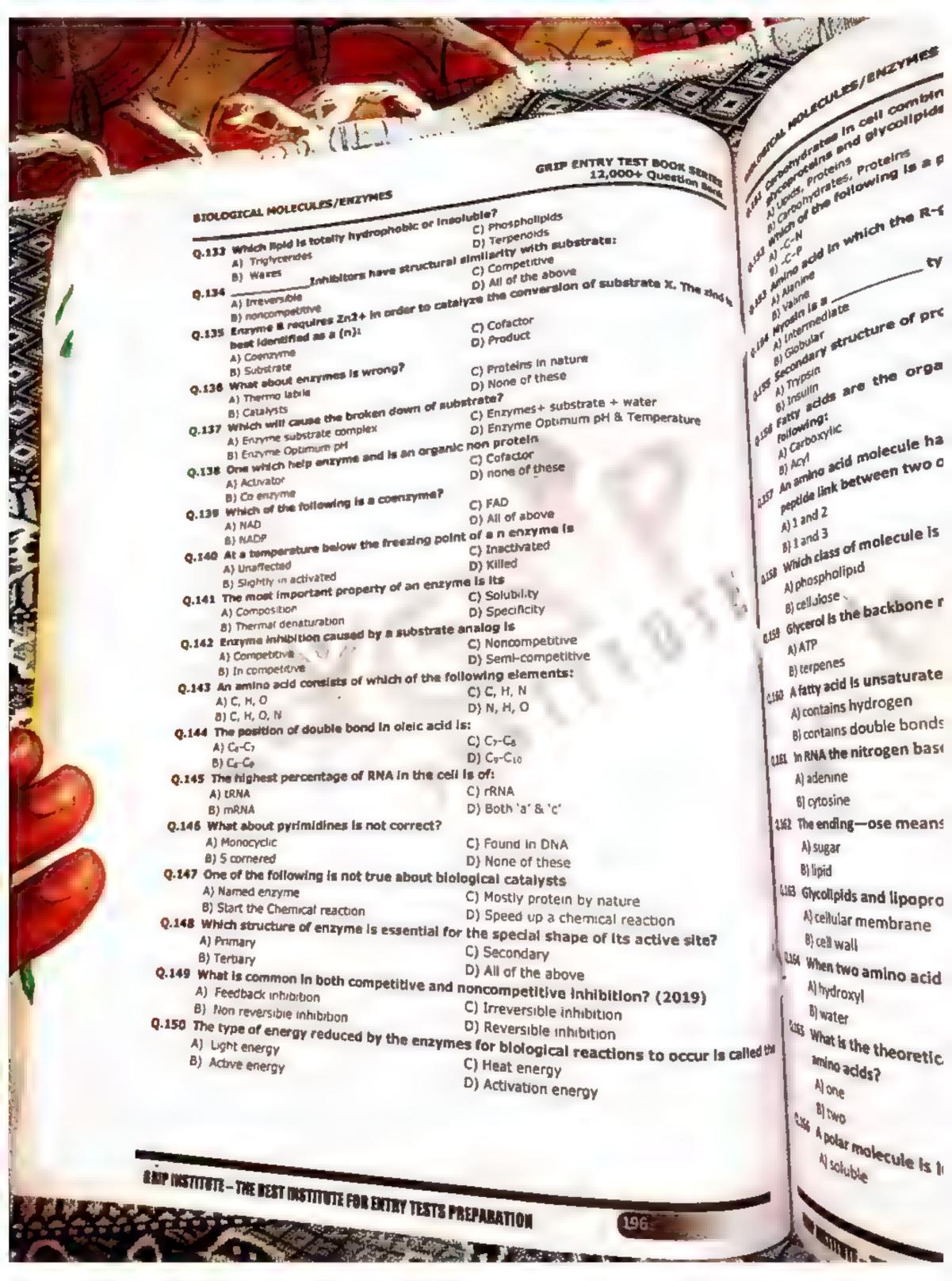


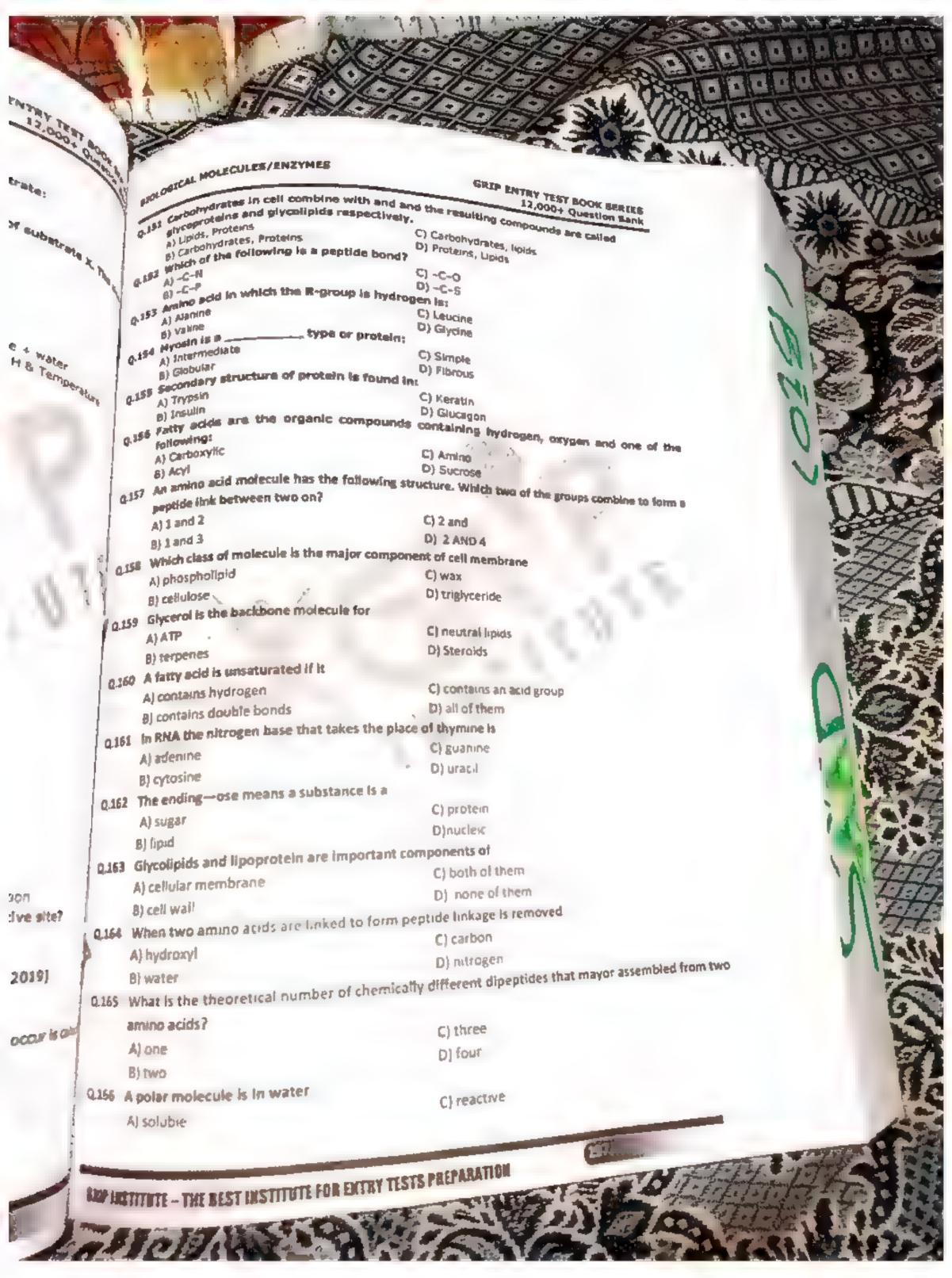


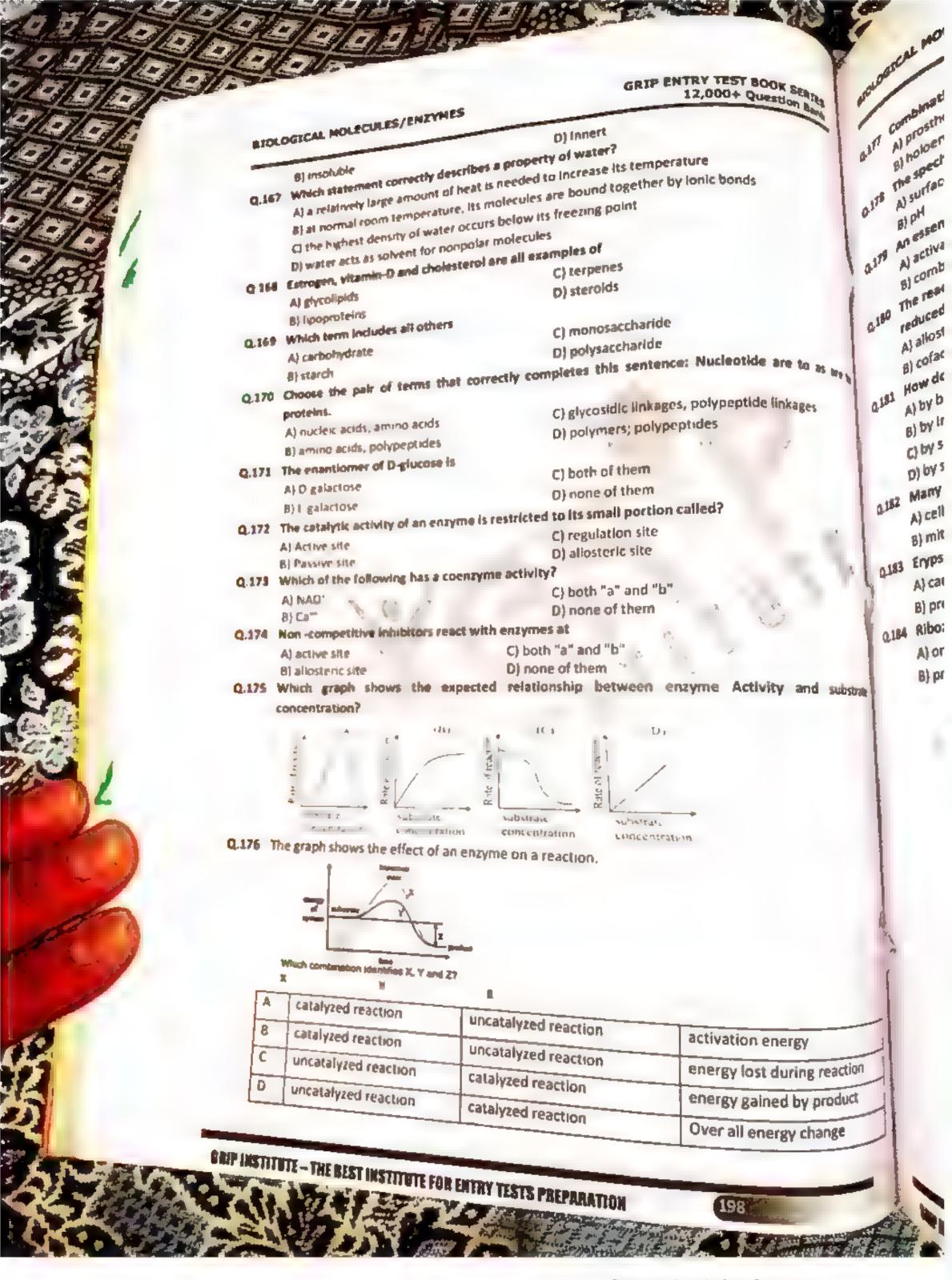


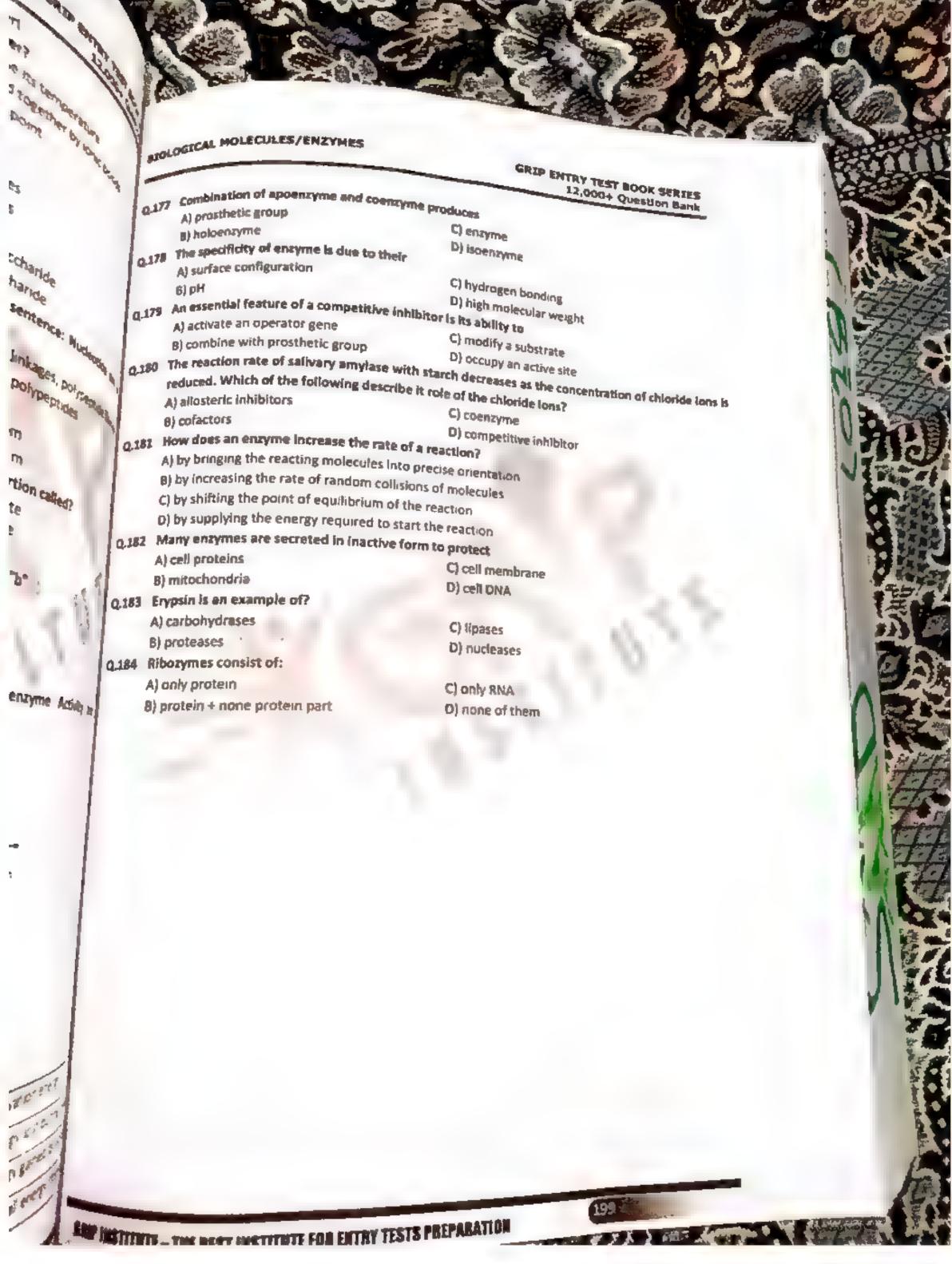


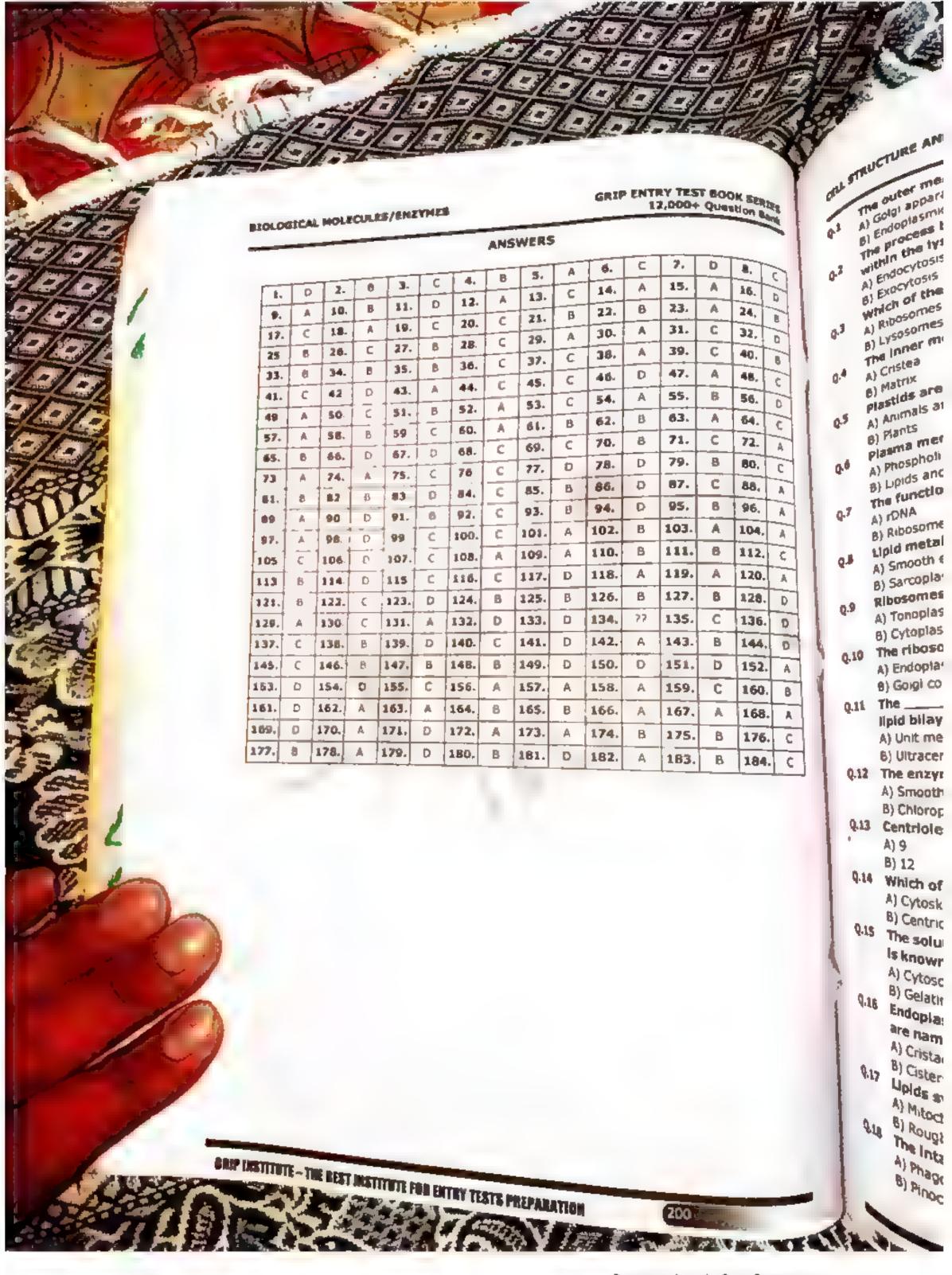




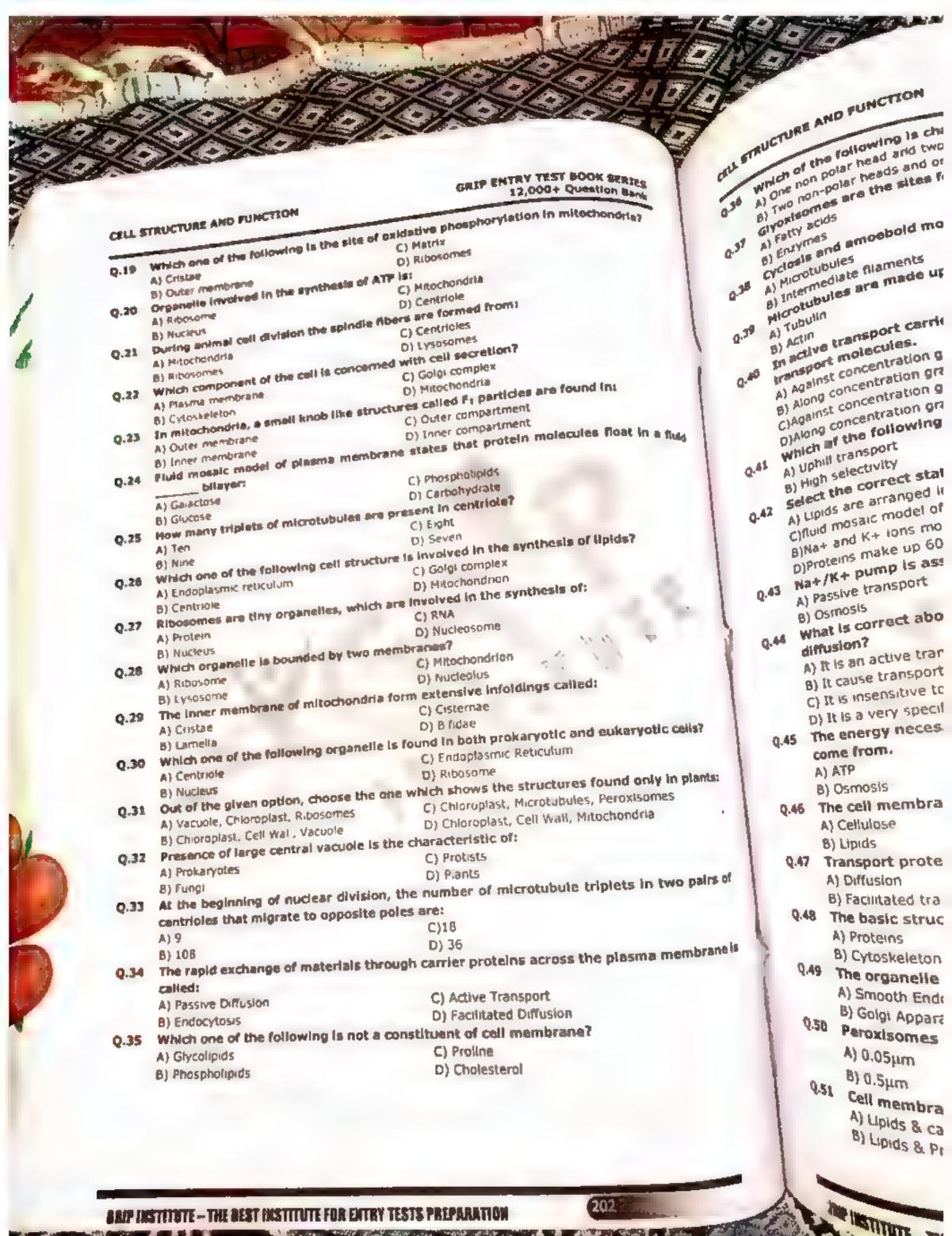


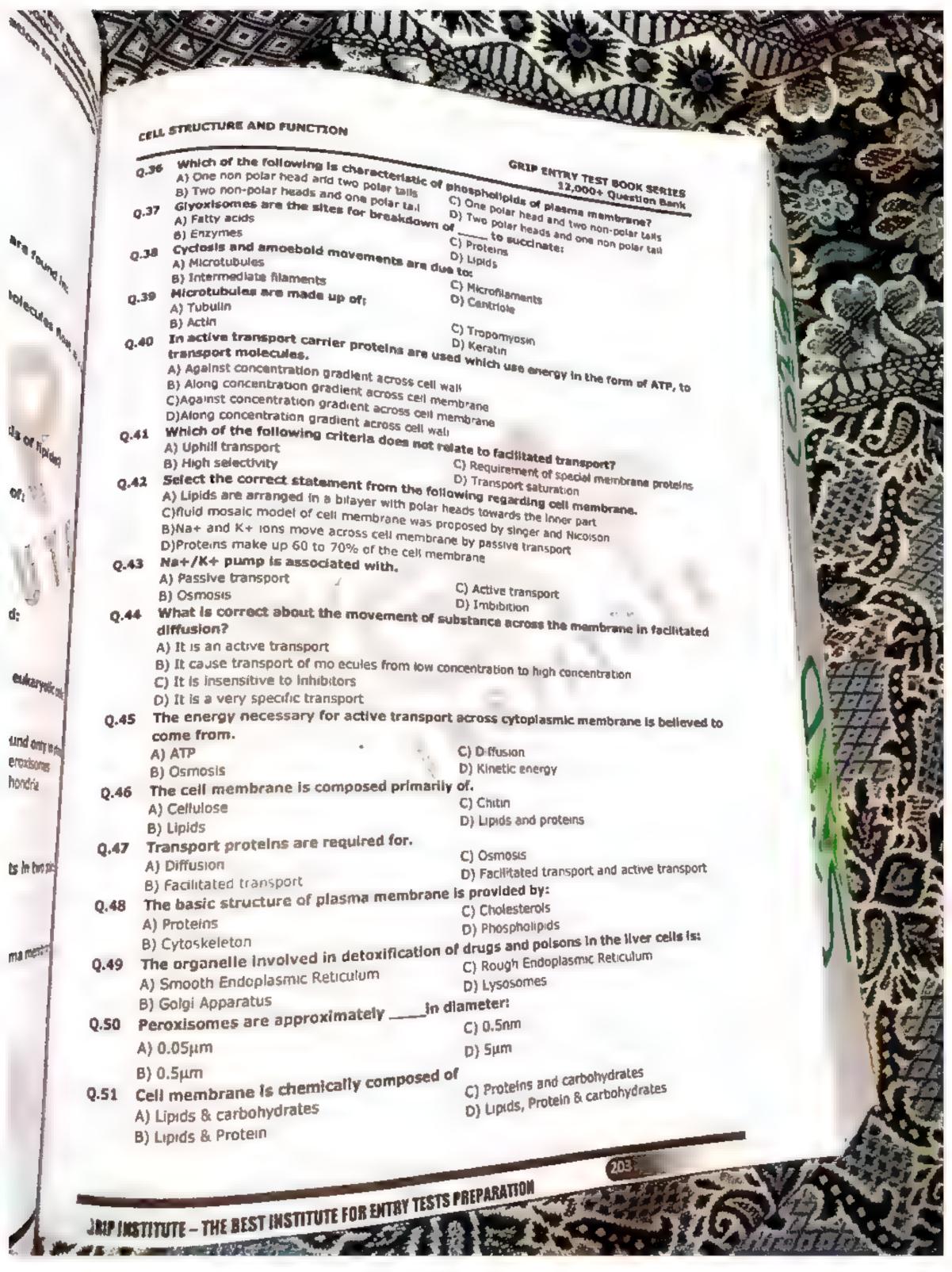






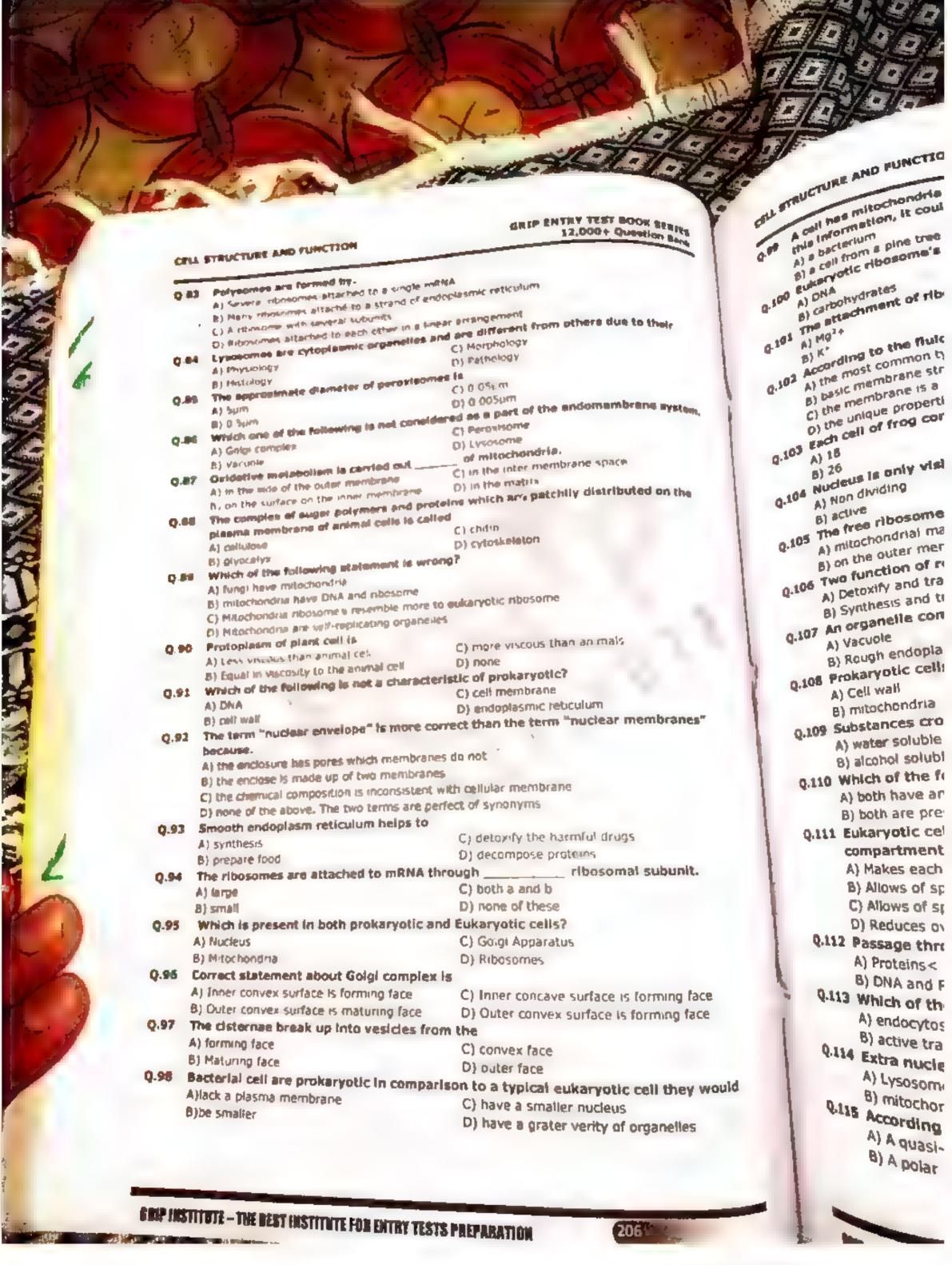
CELL STRUCTURE AND FUNCTION	
Q.1 The outer membrane of the nuclear e  A) Golg: apparatus  B) Endoptasmic reticulum  Q.2 The process by which unwanted struct within the lyeosome is known as:	Gove
B) Endoptesmic meters	ORIP SHTRY TEST BOOK SERIES  12,000+ Question Bank
Q.2 The process by which unwanted within the lysosome in	C) Lysonas Continue Constinue Continue
A) Endocytosis  A) Evocytosis	Tures total
8) Exocytosis	C) Lysosomes  D) Peroxisomes  C) Autophagy  D) Hydrolysis
9) Exocytosis Q.3 Which of the following organelles is of A) Ribosomes B) Lysosomes Q.4 The inner membrane of mitochondria.	C) Autophagy
B) Lysosomes	oncerned with he
Q.4 The inner membrane of mitorhau	C) Gordi apparatus D) Mitochondna le folded to form finger like abructure called: D) Cisternae
B) Matrix	s folded to form
6 Q.5 Plastids are only found in the	C) Vesicle
P. I. P. I. A. I.	LIG.
Q.6 Plasma membrane is chemically compo	C) Animais
A) Phospholipids only	O) Viruses
Q.7 The function of musical	C) Lipids and
Q.7 The function of nucleolus is to make:	D) G. y coprote vs
8) Ribosomes Q.8 Lipid metabolism to a	C) Pres
A) Smooth endoplasmic mitigation of:	D) Chromosomes
B) Sarcopiasmic reticulum	1 9
Q.9 Ribosomes exist in two forms; either as	C) Mitochendria D) Rough endop asmic reocurum tached with the RER or freely dispersed in the: D) Golg: bod es
B) Cytoplasm	C) Golden the RER or freely dispersed
The state of the s	D) SER
A) Endoplasmic reticulum	tored in:
0.11 The model of	C) Nucleotus D) Chapters and a
Q.11 The model of plasma membring bilayer:	ane suggests that emission and
	C1 Fermeat e
D) Ord at Guillian DOS	
Q.12 The enzymes of Lysosomes are synchron  A) Smooth endoglasmic retiredum	
A) Smooth endoplasmic reticulum  B) Chlore, S. 1	Dy Chillia apparation sets on the Control of the Co
Q.13 Centrioles are made up of mil	Crotubules:
-17	( )
	D 27
Q.14 Which of the following structure is absent	t in higher plants and found in animal cells?
B) Centriole	D1 Cytopiasm
Q.15 The soluble part of the cytoplasm or liqui-	
is known:	
B) Gelatin material	D) Cytoske eton
Q.16 Endoplasmic reticulum contains a system	
are named as:	1
A) Cristae	C) Harks
B) Cistemae	D) Tubules  - which of the following preandle?
Q.17 Lipids synthesis/metabolism takes place!	C) Vacuales
	D) Smooth endoplasmic reticulum
Q.18 The Intake of iliquid material across the cel	I membrane is:
A) Phanneyton	E) Eugocatoma
	D) Exocytosis

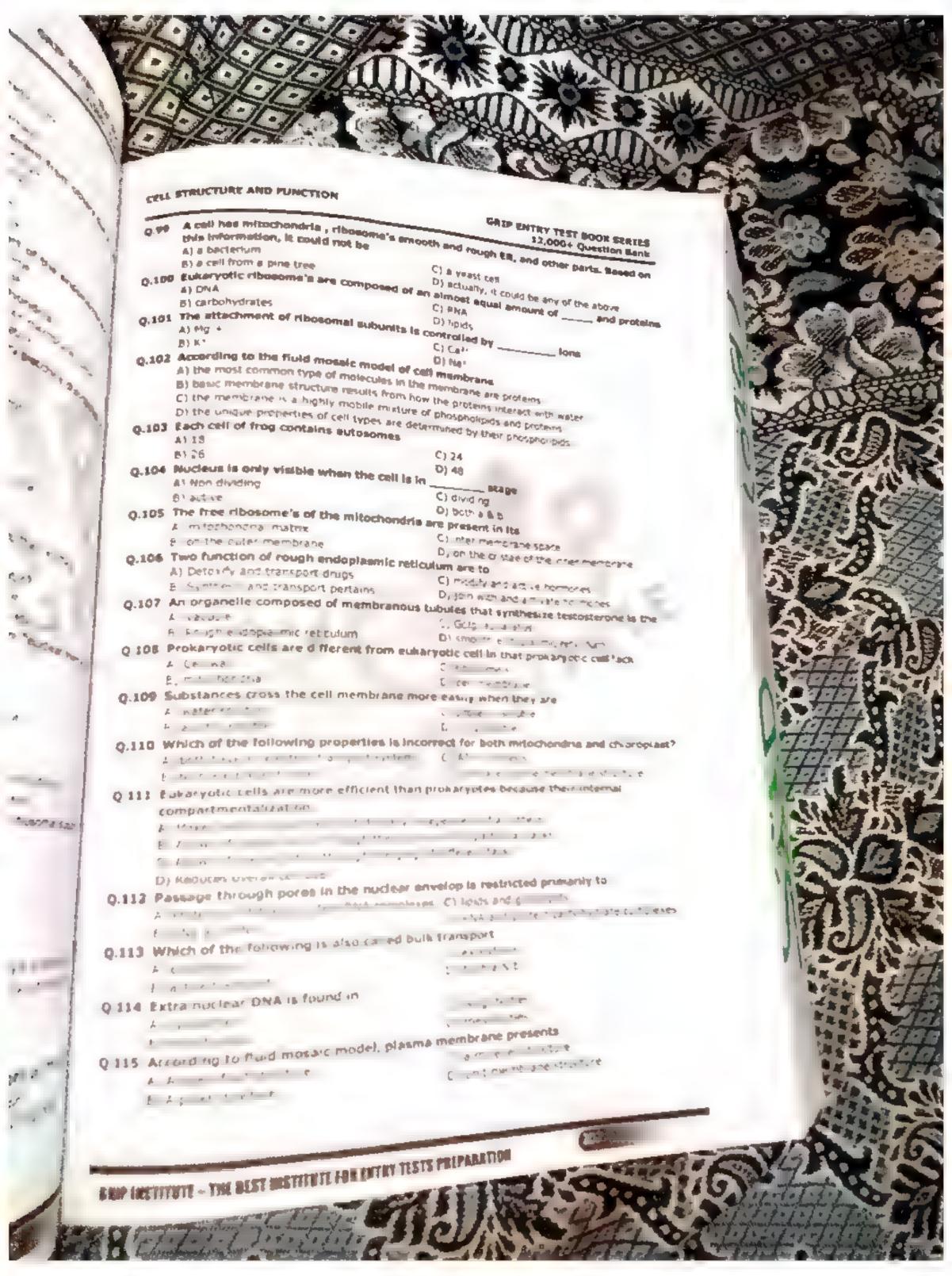




0.00	Which of the following is not found	d in animal cells?
Q.52		C) chloroplast
	A) cell wall	D) all a, b and c
	B) central vacuole	centration gradient through plasma membrane is
Q.53		Control and I a
	termed as	C) Active transport
	A) Osmosis	D) Diffusion
	B) Passive transport	
Q.54	Biological membrane includes.	
	A) Only nuclear membrane	
	B) only membranes of golgi complex	
	and the second second	www.alacana membrane
	4	ng with plasma membered diffusion is that in the
Q.55	The difference between active tran	sport and facilitated diffusion is that in the latter,
	and the second s	
		the concentration gradient
	B) Substances are brought in against to C)A carrier protein brings in the substances.	ance down the concentration growth
	D)Substance are internalized slowly	and a standard coultry
Q.56	Which of the following is not found	In most of the plant cens.
Q.D.	A) Flagellum	
		D) All a, b and c
Q.57	The substance which cannot cross	the cell membrane more easily are
4.5.	A) Hydrophobic	-,
		D) Inorganic
Q.58	Which statement is not true of men	mbrane phospholipios r
Q.30	A) They are amphipathic	
	B) They have hydrophobic tails	
	- I January Boarde	a also select
	AND A SECOND PORT OF THE PROPERTY OF THE PROPE	he membrane to the other
Q.59	Which of the following is related to	
Q.33	A) Lysosome	
	B) Peroxisome	D) Rough endoplasmic reticulum
Q.60	DNA is present in.	at and the season of
Q.00	A) Chromosomes and dictyosomes	C) Chloropiasts and lysosomes  D) Mitochondria and endoplasmic reticulum
Q.61	A group of ribosomes attached to n	nRNA are known as
Q.01	A) Polymers	2)
	B) Polypeptide	D) Polymerase
Q.62	Palade studied	The state of the s
Q.bx	A) Endoplasmic Reticulum	C) Glyoxisomes
		D) Ribosomes
Q.63	Which of the following is responsib	le for the mechanical support protein synthesis and
Qius	enzyme transport?	
	A) Cell membrane	C) Mitochondria
	mit Dischargemen	D) Endoplasmic reticulum
Q.64	The intake of liquid material by plan	sma membrane is termed as
Q.o-	A) Endocytosis	C) Pinocytosis
	B) Phagocytosis	D) None a, b and c
0.65	Prokaryotic cell wall is made up of	
Q.65	A) Cellulose	C) Murein
	B) Chibn	D) Lignin & Pectin
0.44	Amount of lipids in plasma membra	ne is about
Q.66	A) 20 - 40%	C) 40 - 69%
	B) 20 - 60%	D) 40 - 80%
0.63	Which one of the following structure	es in an organelle within an organelle?
Q.67	A) Peroxisome	C) ER
	AT FETVACION IS	
	B) Mesosomes	D) Ribosome

CELL STRUCTURE AND FUNCTION	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	W Ca
Q.68 Important et	Divoproteins and giveolipide Is.  C) Lysosome  O) Gold and D) Gold and G) Gold and G) Gold and G) Gold	The second secon
A) Plastid		
Q.69 B )Vacuale	Divcoproteins and givcolipide I	
A) Mitochondria	C) Lysosome 12,000+ Question Bank	200
Q.69 B )Vacuole Which one of the following has B) Lysosome Q.70 Plant cells and enlarge	O) Golgi apparetus	(A)
diver himse cells god and	an apparague	3 Brilly To
Q.70 Plant cells and animal cells din  A) Plant cells lack chloroplast which  B) Animal cells have thicker as the cells are cells.	C) Dichosome D) Peroxisome	The state of the s
The second state of the second	= 101ma	
Q.71 Which of the following structure  A) Nucleotus ribosome production  B) Ribosome protein synthesis  Q.72 Eukaryotic and prokaryotic cells  A) Ribosome dependent	ocupie white calls	Cilla C
A) Nucleolus ribosomuna structura	The Calls have	37
Q.72 Eukaryote and synthesis	remotion pairs is min	
A) Ribosome dependent votic calls	C) Lysosome Interest	TO ALLEY
Q.73 A major etas permeable pias	these all of the following muscle mus	1000
A) Ribosome dependent protein syn B) A selectively permeable plasma i A) Nucleoplasm B) SER Q.74 The golgi complex	C) Lysosome intracellular digestion D) Micro bubules muscle contraction C) ATP synthesis linked to a proton gradient C) A cytoskeleton of tubulin	2
B) SER	ds is. Cytoskeleton of bullium proton gradient	18 3.C.
A) to Dinus _	The state of the s	180
A) In post translational modification  B) In trapping the light and transfor  C) In digesting proteins and carbohy  D) As energy transferring organelies	Pole, Symplest	1 1 1 1 1 C
C) In digesting proteins and carbohy  D) As energy transferring organsis	ming it lots	13 2 2 3 8
D) As energy transferring organelies  Q.75  Plasmodesmata are.	drates chemical energy	2
A) Membranes are,		<b>全方头</b> 人
A) Membranes connecting the nucleus)  B) Connections between adjacent cei  C) Lignified cemented lavorer cei	IS with Place-	位
	is anathropia	1
O.76 Cytoskeleton is	Cells	1
Q.76 Cytoskeleton is made up of.  A) Cellulosic microfibrils	- 10 V	120
B) Calcium carbonate pracula-	C) Proteinaceous filaments	10000
VIV WHAT IS TIME about ribres	- / Colling Janasis.	Metata 2
A) Inese are found only in auto-		TO THE REAL PROPERTY.
The second of the second control of the second of the seco		Colorest V
TO THE PROPERTY OUR FIRM SOME AND BACK	The state of the s	THE A
Q.78 Ribosomal RNA is actively synthes	acid and proteins	17.72
A) Nucleoplasm		Z. 5
B) Lysosomes	C) Ribosomes D) Nucleolus	EL VALUE
Q.79 Which one of the following cellular	r parts is correctly described?	Marie Contract
A) Centribles – sites for active RNA sys	nthesis	1
8) Ribosomes - those on chloroplasts :	are larger (80s) while those in the cytoplasm are smaller	15 M
(70s)	of about 9 5	
C)Lysosomes – optimally active at a pl D)Thylakoids – flattened membranous		PA PAY
2.80 Which of the following is concerned		
A) Golgi complex	C) Mitochondria	Bolds
D) Dibarance	D) Peroxisomes	161
.81 Unit which specifies sedimentation	rate of a specific particle or molecule in a medium	
during ultracentrifugation is	•	
A) Micormeter	C) Syedberg D) Joule	
B) Kcal/ mole	· ·	F. 2. 23
B2 Plant and animal cells both have.	C) Cell membrane and cell wall	
A) Cell membrane and nucleolus	D) Nucleus and cell wall	1.34
B) Nucleolus and chloroplast		24





	to the pattern and angular Call Controporty
Q.115 What is the most important diff	b/w active and passer dose not
W) active transport reduie guerdy i	input, passive training in plant
B) active (ransport occurs in common	2, positive transport   may supering the memorana
C) active transport does not use me	embrane, passive transport always use membrane embrane, passive transport always use membrane not involve ir an organisms moves, passive transport dose not involve
THE RELIVER CHAILSDOLL ACCOUNT ALLICITETE	) die de Barrier .
movement of the organisms	its best describes the fluid mosaic model of the plasma
Q.117 Which of the following statement	its best described
membrane	timeds hilaver
A) Sheet of protein	(AMODITALL DAVE T
B) Sugar- phosphate backbone Q.118 Which of the following cell orga A) mitochondrien	-the produces secretary vesicies?
Q.118 Which of the following cell orga	C) Golgi apparatus
A) mitochandrion	C) Golgi apparatos  D) rough endoplasmic reticulum  provide gradient?
B) lysosome	aterial against a concentration gradient?  C) diffusion  C) diffusion
Q.119 Which of the following moves in	C) diffusion
A) osmosis	D) facilitated transport
B) active transport	les that a secreted protein would that a passau disough
Q.120 What is the sequence of organics	D) facilitated transport les that a secreted protein would have passed through
A) Mitochondria, Golgi apparatus, Co	ell membrane
B) Cellmembrane, mitochondria, Go	igi apparatus
B) Cellmembrane, mitochondria, Go C) Rough endoplasmic reticulum, Go	itol apparatus, cell memorate
C) Rough endoplasmic reticulum, Go     D) Golgi apparatus, rough endoplasm	nto reticulum, cell memorane
D) Golgi apparatus, rough chicago	restest amount of deoxyribonucleic acid (DNA) found?  C) ribosome 5
Q.121 In which of the following is an	C) ribosome s
A) Nucleus	D) nuclear envelope
B) nucleous	best describes the fluid mosaic model of the plasma
Q.122 Which of the following	
A) a single layer of proteins surround	ing a single layer of lipids
. A STANDARD CHAPTER HAVE	Cr (Cr) Cr (Cr)
	HIGHERATES GASPOT AND
Q.123 Which of the following is/are end	rgy consuming process(s)?
Q.123 Which by the following to	C) excocytosis
A) endocytosis  B) active transport	D) all
b) active transport	membrane does not have transport function?
Q.124 WINDI OF the following to pro-	C) carrier protein
A) channel protein	D) none
8) receptor molecules Q.125 Which of the following is the funct	
Q.125 Which of the following is the following	C) storage of calcium
A) Detoxification of drugs	
B) synthesis of stero ds	D) ail
Q.126 Goigi apparatus is practically impo	
A) secretary cell	C) storage cell
B) synthesis cell	D) all
Q.127 An important function of Golgi app	aratus is the formation of
A) gloxisomes	C) lysosomes
B) riboromo's	(i) perovisomes
O 178 If 15 um size objects is observed	under light microscope using 5X eyepleces and 10X
Q.110 11 15 pm size objects is observed	-mile ingut interescope using 5x eyepioe-
objective its magnified image size t	will be.
A) 750 µm	C) 500 µm
B) 50 µm	D) 250µm
Q.129 The ability to distinguish between t	WO separate points/objects is.
A) Magnification	C) Fractionation
B) Centrifugation	
	D) Resolution
Q.130 The membrane of ER is	
A) Permeable	C) semi permeable
B) selectively permeable	D) impermeable
	and the same and the state of the same and t

	RIV	nt in a eukaryotic cell but absent in prokaryotic cells is.  C) Cell surface membrane  D) Nucleus  which cellular organelle contains circular DNA similar to those f	
Cell	Michile D.	D) Nucleus membrane	
	THO SNA	D) Nucleus	
2131	A) pibosomes	which cellular organizate contains circular DNA similar to those f	ound
N.	8) 009	C) Nucleur	
.43	Macterial	C) Cell surface membrane D) Nucleus which cellular organelle contains circular DNA similar to those f C) Nucleus D) Ribosome forming a series of continuous and discontinuous cavities in cell a C) plasmalemma D) endoplasmic reticulum	
0.13	LYSOSOTION IN LYSOSOTION		
	Al Chiorophus units	forming a series of continuous and discontinuous cavities in cell	arē
	Membrano	C) plasmalamma	
0.153	A) piasmodesmata  A) piasmodesmata network	D) endoplasmic reticulum	
e.	A) plasmatin network	k - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	
	B)hsent in	C) chromosomes	
. 14	RNA	D) cytoplasmic	
6.30	A) plosome's	D) cytoplasmic  outer and inner mitochondrial membranes is  space  C) inerter membrane space  D) both a & b	
	The space b/w the The space b/w the A) Perimitochondrila  A) Perimitochondrila	space C) inerter membrane space	
0.135	A) Perimitochonum	D) both a & b	
d.	B) Periplasmic Spring	ndrial membrane is compartmentalized into numerous cristae whi	lch
	the inner mitouria	D) both a & b  Indicate membrane is compartmentalized into numerous cristae whi  Indicate area of the inner mitochondrial membrane  In produce ATP	
Q.138	A) Expand the surface  B) Enhance its ability  B) Enhance its ability	y to produce ATP	
	A) Enhance	attached	
	C) Have to borne	aks up into vesicles from of Golgi complex.  C) Concave forming face  D) Concave maturing face	
	D) all	aks up into vesicles from of Golgi complex.	
0.137	A) Convex maturing	face C) Concave forming face	
di.	A) Convex matering  B) Concaves forming	g face D) Concave maturing face	
	THE PORTOR	g face  Wing Is the major advantage of using a light microscope instead of an ele	ectron
0.138	100000	/ 75 \	3
	A) superior resolving	c) observation of living matter	
		g power	
	A) superior depth o	of focus D) use of very thin sectoins	
	B) Constant depth o	neates are bound by a single membrane, while other organelles have	e tow
Q.135	B) Constant depth o	neates are bound by a single membrane, while other organelles have	e tow
Q.135	Some cellular orga membranes (envelo	opes around them which one of the following is correct  Single membrane  Double membrane	e tow
0.135	Some cellular orga membranes (envelo	opes around them which one of the following is correct  Single membrane  Double membrane	e tow
Q.13 <sup>9</sup>	Some cellular orgamembranes (envelo	opes around them which one of the following is correct  Single membrane  Double membrane  Nucleus, chloroplast	e tow
Q.13 <sup>5</sup>	Some cellular organembranes (envelo	opes around them which one of the following is correct  Single membrane  Double membrane  Mucleus, chloroplast  Ist, lysosome  Nucleus, peroxysomes	
Q.13 <sup>5</sup>	Some cellular organembranes (envelorembranes)  A Peroxysor  B Chloropla  C Nucleus, C	sine4les are bound by a single membrane, while other organelles have opes around them which one of the following is correct  Single membrane  Double membrane  Nucleus, chloroplast  Ist, lysosome  Chroroplast  Lysosome, peroxysomes,	
	Some cellular organembranes (envelorembranes)  A Peroxysor  B Chloropia  C Nucleus, of Nucleus, in Nuc	sine4les are bound by a single membrane, while other organelles have opes around them which one of the following is correct    Single membrane	
	Some cellular organembranes (envelorembranes)  A Peroxysor  B Chloropia  C Nucleus, of Nucleus, in Nuc	sine4les are bound by a single membrane, while other organelles have opes around them which one of the following is correct    Single membrane	
	Some cellular organembranes (envelopmembranes (e	sine4les are bound by a single membrane, while other organelles have opes around them which one of the following is correct  Single membrane  Double membrane  Nucleus, chloroplast  Ist, lysosome  Chroroplast  Lysosome, peroxysomes,	
	Some cellular organembranes (envelopmembranes (e	single membrane Double membrane  Single membrane Double membrane  mes , lysosome Nucleus, chloroplast  st, lysosome Nucleus, peroxysomes  chloroplast Lysosome, peroxysomes, lysosomes  wing cell structures contains the highest concentration of RNA?  C) chromosome	
	A Peroxysor  B Chloropla  C Nucleus, i  Which of the follow  A) centriole	single membrane Double membrane  Single membrane Double membrane  mes , lysosome Nucleus, chloroplast  st, lysosome Nucleus, peroxysomes  chloroplast Lysosome, peroxysomes, lysosomes Chloroplast, peroxysomes  wing cell structures contains the highest concentration of RNA?  C) chromosome  D) nucleolus	· · · · · · · · · · · · · · · · · · ·
	Some cellular organembranes (envelopmembranes (e	sine4les are bound by a single membrane, while other organelles have opes around them which one of the following is correct  Single membrane  Double membrane  Mucleus, chloroplast  Inst. lysosome  Chloroplast  Lysosome, peroxysomes, lysosomes  Wing cell structures contains the highest concentration of RNA?  C) chromosome  D) nucleolus  S gradually broken-down during metamorphosis into an adult frog.	· · · · · · · · · · · · · · · · · · ·
Q.140	Some cellular organembranes (envelopmembranes (e	Single membrane  Single membrane  Double membrane  Mucleus, chloroplast  Nucleus, peroxysomes  Chloroplast  Lysosome  Chloroplast  Lysosomes  Wing cell structures contains the highest concentration of RNA?  C) chromosome  D) nucleolus  s gradually broken-down during metamorphosis into an adult frog.  s in number in the cells of the tail at this time?	· · · · · · · · · · · · · · · · · · ·
Q.140	Some cellular organembranes (envelopmembranes (e	sine4les are bound by a single membrane, while other organelles have opes around them which one of the following is correct  Single membrane  Double membrane  Mucleus, chloroplast  Inst. lysosome  Chloroplast  Lysosome, peroxysomes, lysosomes  Wing cell structures contains the highest concentration of RNA?  C) chromosome  D) nucleolus  S gradually broken-down during metamorphosis into an adult frog.	· · · · · · · · · · · · · · · · · · ·
Q.140	Some cellular organembranes (envelopmembranes (e	single membrane bound by a single membrane, while other organelles have opes around them which one of the following is correct  Single membrane Double membrane  mes , lysosome Nucleus, chloroplast  ast, lysosome Nucleus, peroxysomes  chloroplast Lysosome, peroxysomes, peroxysomes, peroxysomes  lysosomes Chloroplast, peroxysomes  wing cell structures contains the highest concentration of RNA?  C) chromosome  D) nucleolus  s gradually broken-down during metamorphosis into an adult frog.  s in number in the cells of the tail at this time?  C) Golgi complex	· · · · · · · · · · · · · · · · · · ·
Q,140 Q,140	Some cellular organembranes (envelopmembranes (e	sine4les are bound by a single membrane, while other organelles have opes around them which one of the following is correct  Single membrane  Double membrane  Mucleus, chloroplast  Inst. lysosome  Chloroplast  Lysosome, peroxysomes  Lysosome, peroxysomes  Chloroplast, peroxysomes  Wing cell structures contains the highest concentration of RNA?  C) chromosome  D) nucleolus  Is gradually broken-down during metamorphosis into an adult frogs in number in the cells of the tail at this time?  C) Golgi complex  Siculum  D) lysosomes	· · · · · · · · · · · · · · · · · · ·
Q,140 Q,140	Some cellular organembranes (envelopmembranes (e	single membrane  Single membrane  Double membrane  Mucleus, chloroplast  Nucleus, peroxysomes  Chloroplast  Lysosome  Chloroplast  Lysosomes  Chloroplast, peroxysomes  Wing cell structures contains the highest concentration of RNA?  C) chromosome  D) nucleolus  s gradually broken-down during metamorphosis into an adult frogs in number in the cells of the tail at this time?  C) Golgi complex  Siculum  D) lysosomes  O) lysosomes	· · · · · · · · · · · · · · · · · · ·
Q,140 Q,140	Some cellular organembranes (envelopmembranes (e	single membrane  Single membrane  Double membrane  Mucleus, chloroplast  Itysosome  Chloroplast  Itysosomes  Wing cell structures contains the highest concentration of RNA?  C) chromosome  D) nucleolus  s gradually broken-down during metamorphosis into an adult frogs in number in the cells of the tail at this time?  C) Golgi complex  D) lysosomes  C) lysosomes  C) lysosomes  C) lysosomes	· · · · · · · · · · · · · · · · · · ·
Q.140 Q.140 Q.140	Some cellular organembranes (envelopmembranes (e	single membrane  Single membrane  Double membrane  Mucleus, chloroplast  Nucleus, peroxysomes  Lysosome  Chloroplast  Lysosomes  Wing cell structures contains the highest concentration of RNA?  C) chromosome  D) nucleolus  s gradually broken-down during metamorphosis into an adult frogsin number in the cells of the tail at this time?  C) Golgi complex  D) lysosomes  Wing organelles always contains DNA?  C) lysosome  D) mitochondria	· · · · · · · · · · · · · · · · · · ·
Q.140 Q.140 Q.140	Some cellular organembranes (envelopmembranes (e	single membrane  Single membrane  Double membrane  Mucleus, chloroplast  Itysosome  Chloroplast  Itysosomes  Wing cell structures contains the highest concentration of RNA?  C) chromosome  D) nucleolus  s gradually broken-down during metamorphosis into an adult frogs in number in the cells of the tail at this time?  C) Golgi complex  D) lysosomes  C) lysosomes  C) lysosomes  C) lysosomes	· · · · · · · · · · · · · · · · · · ·
Q.140 Q.140 Q.140	Some cellular organembranes (envelopmembranes (e	ane4les are bound by a single membrane, while other organelles have opes around them which one of the following is correct  Single membrane  Double membrane  Mucleus, chloroplast  Ist, lysosome  Choroplast  Itysosome, peroxysomes, lysosomes  Wing cell structures contains the highest concentration of RNA?  C) chromosome  D) nucleolus  s gradually broken-down during metamorphosis into an adult frogs in number in the cells of the tail at this time?  C) Golgi complex  C) Golgi complex  C) lysosomes  wing organelles always contains DNA?  C) lysosome  D) mitochondria  es a prokaryotic cell from a eukaryotic ceil?	· · · · · · · · · · · · · · · · · · ·
Q.140 Q.140 Q.140	Some cellular organembranes (envelopmembranes (e	single membrane  Single membrane  Single membrane  Double membrane  Mucleus, chloroplast  Nucleus, peroxysomes  Lysosome  Chloroplast  Lysosomes  Wing cell structures contains the highest concentration of RNA?  C) chromosome  D) nucleolus  s gradually broken-down during metamorphosis into an adult frogs in number in the cells of the tail at this time?  C) Golgi complex  Wing organelles always contains DNA?  C) lysosome  D) mitochondria  es a prokaryotic cell from a eukaryotic ceil?  have a cell wall and a nucleus	· · · · · · · · · · · · · · · · · · ·
Q.140 Q.140 Q.140	Some cellular organembranes (envelopmembranes (e	ane-les are bound by a single membrane, while other organelles have opes around them which one of the following is correct  Single membrane  Mucleus, chloroplast  Nucleus, peroxysomes  Nucleus, peroxysomes  Chloroplast  Lysosome, peroxysomes,  Iysosomes  Wing cell structures contains the highest concentration of RNA?  C) chromosome  D) nucleolus  s gradually broken-down during metamorphosis into an adult frogs in number in the cells of the tail at this time?  C) Golgi complex  Siculum  D) lysosomes  Wing organelles always contains DNA?  C) lysosome  D) mitochondria  es a prokaryotic cell from a eukaryotic cell?  have a cell wall and a nucleus  s have no membrane bound organelles	· · · · · · · · · · · · · · · · · · ·
Q.140 Q.140 Q.140	Some cellular organembranes (envelopmembranes (e	sine4les are bound by a single membrane, while other organelles have opes around them which one of the following is correct  Single membrane  Mucleus, chloroplast  Itysosome  Nucleus, peroxysomes  Nucleus, peroxysomes  Lysosomes  Chloroplast  Cychromosome  Dynucleolus  s gradually broken-down during metamorphosis into an adult frogs in number in the cells of the tail at this time?  Cychromosomes  Cychromosomes  Cychromosome  Dynucleolus  s gradually broken-down during metamorphosis into an adult frogs in number in the cells of the tail at this time?  Cychromosomes  Cychromosome  Dynucleolus  s in number in the cells of the tail at this time?  Cychromosomes  Cychromosome  Dynucleolus  s in number in the cells of the tail at this time?  Cychromosomes  Cychromosome  Dynucleolus  s in number in the cells of the tail at this time?  Cychromosome  Cychromosome  Dynucleolus  s in number in the cells of the tail at this time?  Cychromosome  Cychromosome  Dynucleolus  s in number in the cells of the tail at this time?  Cychromosome  Cychromosome  Dynucleolus  s in number in the cells of the tail at this time?  Cychromosome  Cychromosome  Dynucleolus  s in number in the cells of the tail at this time?  Cychromosome  Cychromosome  Dynucleolus  s in number in the cells of the tail at this time?  Cychromosome  Cychromosome  Dynucleolus  s in number in the cells of the tail at this time?  Cychromosome  Cychromosome  Dynucleolus	· · · · · · · · · · · · · · · · · · ·
Q.140 Q.140 Q.140	Some cellular organembranes (envelopmembranes (e	ane-les are bound by a single membrane, while other organelles have opes around them which one of the following is correct  Single membrane  Mucleus, chloroplast  Nucleus, peroxysomes  Nucleus, peroxysomes  Chloroplast  Lysosome, peroxysomes,  Iysosomes  Wing cell structures contains the highest concentration of RNA?  C) chromosome  D) nucleolus  s gradually broken-down during metamorphosis into an adult frogs in number in the cells of the tail at this time?  C) Golgi complex  Siculum  D) lysosomes  Wing organelles always contains DNA?  C) lysosome  D) mitochondria  es a prokaryotic cell from a eukaryotic cell?  have a cell wall and a nucleus  s have no membrane bound organelles	· · · · · · · · · · · · · · · · · · ·
Q.140 Q.140 Q.140	Some cellular organembranes (envelopmembranes (e	sine4les are bound by a single membrane, while other organelles have opes around them which one of the following is correct  Single membrane  Mucleus, chloroplast  Itysosome  Nucleus, peroxysomes  Nucleus, peroxysomes  Lysosomes  Chloroplast  Cychromosome  Dynucleolus  s gradually broken-down during metamorphosis into an adult frogs in number in the cells of the tail at this time?  Cychromosomes  Cychromosomes  Cychromosome  Dynucleolus  s gradually broken-down during metamorphosis into an adult frogs in number in the cells of the tail at this time?  Cychromosomes  Cychromosome  Dynucleolus  s in number in the cells of the tail at this time?  Cychromosomes  Cychromosome  Dynucleolus  s in number in the cells of the tail at this time?  Cychromosomes  Cychromosome  Dynucleolus  s in number in the cells of the tail at this time?  Cychromosome  Cychromosome  Dynucleolus  s in number in the cells of the tail at this time?  Cychromosome  Cychromosome  Dynucleolus  s in number in the cells of the tail at this time?  Cychromosome  Cychromosome  Dynucleolus  s in number in the cells of the tail at this time?  Cychromosome  Cychromosome  Dynucleolus  s in number in the cells of the tail at this time?  Cychromosome  Cychromosome  Dynucleolus  s in number in the cells of the tail at this time?  Cychromosome  Cychromosome  Dynucleolus  s in number in the cells of the tail at this time?  Cychromosome  Cychromosome  Dynucleolus	· · · · · · · · · · · · · · · · · · ·

	den	sonstrates that it is made up in part of
Q.144	The elasticity of the plasma membrane den	C) carbohydrates
ALC: NO.	A) lipids	D) proteins
Q.145	In flagella and with	C) microfilaments
Q.240	A) microfibrils	D) microvilli
	B) microtubules Which of the following structure is found in a	Il living organisms:
Q.146	Which of the following structure is round in	c) lysosome
Min	a) cell membrane	n) vacuole
	B) nucleus	at of prokaryotes in:
Q.147	B) nucleus The cell wall of plant cell is different from the	C) chemical composition only
4,5	A) both structure and chemical composition	D) number of layers only
Q.148	which of the following are present in provide	
	The state of the s	
	a) chromosomes, mitochonoria, nuclear con-	
	C) cytoplasm, DNA, mitochonoria	
	mark all and the	votic cells:
Q.149	D) cytoplasm, DNA, ribosome Which of the following is present in all eukan	C) flagellum
	A) cell wall	n) membrane bounded organelles
	B) diploid nucleus	nent in a secretory cell than nor secretory cell;  C) mitochondrion
Q.150	Which of the following would be more process	C) mitochondrion
	A) lysosome	D) ribosome
	B) Golgi complex	secretion from a cell, which rout: is it most itely
2.151	When a glycoprotein is being synthesize	
	take?	C) RER → SER- Golgi complex
	A) Golgi complex → REF → SER	D) SER → Golgi complex → RER
	B) REF → Golgi complex → SER	
2.152	B) REF → Goigi complex 7 designs of the following is responsible for 0	C) Intermediate filament
	A) microtubule	D) none of them
	B) microfilament	

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	- newspathatic nervous systems	C) Heart beat is not initiated
2.1	By parasympathetic nervous system.  A) Heart best is increased.	D) Heart boat is not affected
	B) Heart best is decreased	
	B) steam chartes	C) begin to form after birth
1.2	A) is a part of neurons	D) do not act as an insulator
	A) is a part of neurons     B) is made up of kpkl - protein complex	
	B) it takes ab a ware	C) consists of two parts axons and dendrites  D) similar considerably in size and shannings
2.3	A) mostly myelinated	C) consists of the parts axons and shape
	B) found only in brain	of all Shape
2.4	Avone are:  A) usually carry impulse towards the cell bo	oy to brain
	A) usually carry impulse towards the carry     B) few millimeter to several meters in length	A III Dian
	C) contain mitochondria only	
	C) contain materials or octions	us are produced in
	D) cytoplasmic processes  Oxytocin and antidiretic hormones (AD)	C) Hypothalamus
3.5	A) pituitary gland	D) All of these
	8) posterior lobe of pituitary	
2.0	Proceed Proofs contain	C) axons of motor neurons
Q.6	A) cell bodies of sensory neurons	D) none of these
	B) axons of sensory neurons	
2.2	B) axons of sensory neurons The normal speed of nerve impulse in h	C) 120 ms <sup>-1</sup>
Q.7	A1 100 ms <sup>1</sup>	D) Anné Of U)ese
	6) 140 ms <sup>-1</sup> Classification of neurons as sensory mo	ter and relay neurons is
	Chasification of neurons as sensory mo	C) Classification of neurons based upon size
g.8	as the west strength of assume that the	D) none of these
	ma Ametographic Classification of ficulty	b) hone or those
Q.9	Number of spinal nerves in man.	C)12 pairs
N. m.	A)31 pairs	D)29 pairs
	MANN and Manney Co. Co.	0/25 puns
Q.10	at heale is concerned with	C) Balancing during active movement
4.10	AN DALABORO GURRO SITURG	D) Initiation of muscular contraction
	a description movements	
0.11	Season canadian for renex action is to	C) Visceral organ
K.a.a	A) Dorsal root gang ion of Spirial fierve	D) Gray matter of spinal cord
		of calls or neurons linked together deals
2.12		ed cells or neurons linked together directly to the
6124	Nervous coordination involves specialist the central nervous system, to form net	MADLE FIRST COMMERCE COMME
	A) Receptor and neurons	4) //000
	CHE	D) CNS and effectors
2.13	The neurons has capacity to generate an	nd conduct impulses which travel across the
	A) Synapse and pass from the receptors to e	atectors
	B) Effectors and pass from the synapse to re	ceptors
	C) Synapse and pass from the effectors to re	ceptor
	D) Perentors and pass from the synapse to e	nectors
.14	The elements of nervous system which h	nelp in coordination are:
	A) Receptors, neurons and effectors	C) CNS and PNS
	A) Motor, sensory and associative neurons	D) Brian and spinal cord
15	The recentors for smell, taste and for bid	ood CO2, blood oxygen, blood glucose, blood
.15	amino acids and blood fatty acids are:	
		C) Nociceptors
	A) Mechanoreceptors	
	B) Chemoreceptors	D) Thermoreceptor
.16	The example of chemoreceptors is:	C) C)
	A) Eyes	C) Stray ending
	B) Nose	D) Rods and cones

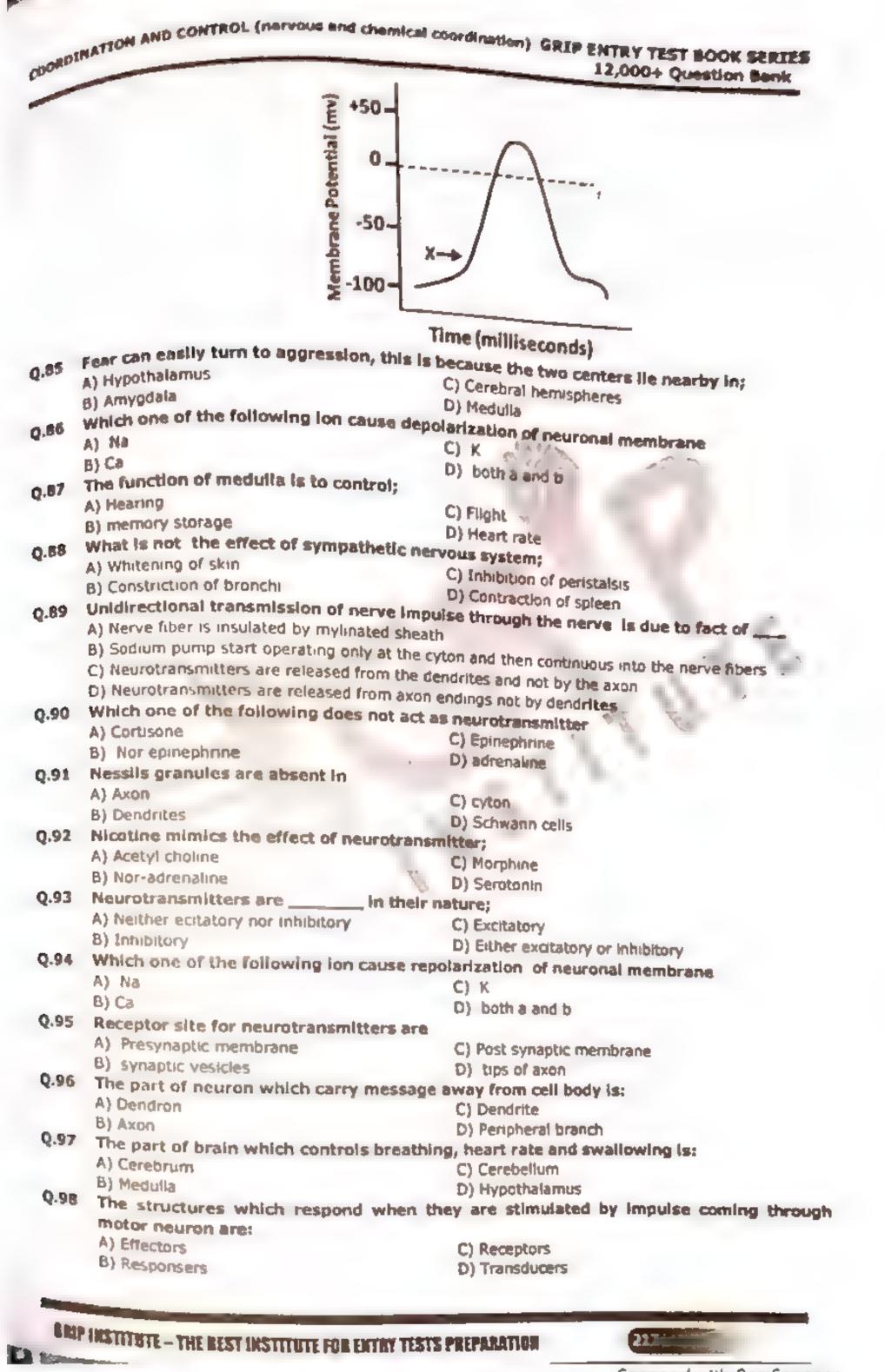


CHU	All are the examples of mechanoreceptor	coordination) GRIP ENTRY TEST BOOK SERII 12,000+ Question Bank
		B EXCEPT:
17	Series Inc.	
	A) Free nerve ending  B) Expanded tip ending  Expanded tip ending  Expanded tip ending	D) Rods and cones
	Expanded tip ending     Expanded tip ending     is an example of mechanoreceptors:     It is an example of mechanoreceptors:	
10	- MADDEL INVESTIGATION	C) Expanded tip ending
	8) Tongue	D) Rods and cones
	8) Tongue These respond to stimuli of light:	
13	** = N PUCI E CENT	C) Chemoreceptors
		- 010,
20	a a parve circuit.	C) Rods and copes
		III Chan.
14	Securities It Beat na die moroi mentous fo	the
11	A) Receptors	C) Muscles
	- sweethers	D) C:
22	The sensations of are detected by modifi	ed sensory neurons basiles - 1
	endings.	the state of the s
	A) Heat and cold	C) Touch and pain
	8) Pain and cold	D) Para - 13
23	The sensations of are detected by modifi	ed sensory neurons
	A) 100cm, pressure, meet, com and pain	C) Hearing, taste, body position and smell
	B) Touch, pressure, hearing, taste and pain	D) Pressure, pain, taste, touch and smell
24	Specialized cellular corpuscles detect the	e sensation of:
	A) Pressure, touch and pain	C) Pressure, vision and hearing
	B) Pressure, heat and cold	
25	The chief structural and functional units	of nervous system are
	A) CEI DOURES	C) Neurons
	C) Axons	D) Personal and and
26	play a vital role in the nutri	tion of neurons and their protection by myel
		and their protection by myel
	A) Soma	C) Neuroglia
	B) Cell body	D) Dendrites
27	There are functional types of neurons,	
	A) Two	C) Four
	B) Three	D) Five
28	The of certain brain cells branch profuse	ly, giving cell a tree like appearance.
	W) WYOUR	C) Dendrites
	B) Cell bodies	D) Soma
.29	Many granules are present in the:	
	A) Cell body	C) Axon
	C) Dendrites	D) Cell bodies and dendrites
30	The simple reflex circuit includes each of	of the four elements of a neural pathway which
	are respectively;	
	A) Sensory neuron, associative neuron, mo	tor neuron and muscles
	B) Sensory neuron, motor neuron, associat	ive neuron and glands
	C) Sensory neuron, motor neuron, associat	ive neuron and muscles
.31	D) Associative neurons, sensory neurons, n	notor neurons and muscles
	The sensory neurons 2 endings in the: It	nas Pain Sensitive
	B) Ears	C) Skin
.32		D) Nose
	"" adiably neurons has bal we ending	in the skin and * Pain sensitive in the spinal
	A) Short fibre	
	6) Long fibre	C) Thick fibre
1.33	The sensor	D) Thin fibre
	reflex that an interest also make a Synap	ose on associative neurons not involved in th
	THE STATE OF	
	A) Informing it of the danger     B) Informing it of the tranquil position	C) Informing it of the Situation
	tor the tranquil position	D) Informing it of the confusion

	<ul> <li>Nerve impulse is a wave of electric</li> </ul>	Trochemical chandel service changes stone "
	neuron involving across the cel-	trochemical change, which travels along the langth
	A) Chemical) reactions and movem	ent of elements
	<ul> <li>8) Chemical reactions and movement</li> </ul>	HUF DE WORKERIEZ
	C) Physical actions and movement (	
	D) Chemical reactions and moveme	
Q.35	Human nervous system is a type	(c) Centralized nervous system
	A) Diffused nervous system	D) Peripheral nervous system
	B) Primitive nervous system	best and controls reflex activities
Q.36	It conducts signals to and from t	the brain and controls reflex activities:
	A) Brain	D) PNS
	B) Spinal cord	the admittee of muscles and place
Q.37	It carries from the CNS that cont	rol the activities of muscles and glands:
	A) Senson neurons	Oh Mador BOURDOS
	B) Associable neurons	by Influencing organs, glands and smooth muscle  C) Central nervous system
Q.38	It controls involuntary responses	by Innuelicity organs, states and smooth muse
	A1 Somatic nervous system	D) Peripheral nervous system
	<li>B) Autonomic nervous system</li>	D) renphers her vous system
2.39	The CNS consists of brain and spli	nat cord, which are both protected in:
	A) Two ways	C) LODI META
	B) Three ways	D) Five ways
.40	which is a part of skull, protects to	he brain.
	I.) Heringes	C) CSF
	B) Connum	D) Vertebral columns
41 1	the brain and spinal cord are also	protected by layers of meninges.
	) Single	C) Tople
	l) Double	D) Tetra
47 6	lerve cell do not divide because th	ney do not have
		C) Mitochondria
	Nucleus & All All	D) Golgi apparatus
5	Centrosomes	
63 C	prebrospinal fluid is similar in con	nposition to:
		C) Security
	5.000	C) Serum
#1 #1	6.000 2.500	C) Serum D) Lymph
#1 8)	Blood Pasma Indom: uncontrolled activity of s	C) Serum D) Lymph some cells in the brain leading to chaotic action
A) S)	Blood Pasma Indom: uncontrolled activity of s	C) Serum D) Lymph some cells in the brain leading to chaotic action
#1 8) H4 Ra bo	Blood Plasma Indom, uncontrolled activity of s th sensory and motor nerves Co	C) Serum D) Lymph
A) B) H4 Rai boi this	Blood Plasma Indom, uncontrolled activity of s th sensory and motor nerves congs:	C) Serum D) Lymph some cells in the brain leading to chaotic activ auses patients of to see and hear different st
A) 6 6) 64 Rai boi this	Blood Plasma Indom, uncontrolled activity of s th sensory and motor nerves congs:  Specify	C) Serum  D) Lymph  some cells in the brain leading to chaotic activ  auses patients of to see and hear different sh  C) Parkinson's Disease
A) 6) H4 Rai boo this A) 6	Blood Plasma Indom, uncontrolled activity of s th sensory and motor nerves ca ngs:  Specify Lishemer's Disease	C) Serum D) Lymph some cells in the brain leading to chaotic activ auses patients of to see and hear different sh C) Parkinson's Disease D) Huntington's Disease
A) A Ra book this A) A B) A	Blood Plasma Indom, uncontrolled activity of s th sensory and motor nerves ca ngs: Enepsy Itahemer's Disease t of hind brain responsible for th	C) Serum D) Lymph some cells in the brain leading to chaotic activ auses patients of to see and hear different sh C) Parkinson's Disease D) Huntington's Disease e balance and equilibrium of body is called:
A) A Rai boi this A) A B) A Pan	Blood Plasma Indom, uncontrolled activity of s th sensory and motor nerves ca ngs:  Specify Lishemer's Disease	C) Serum D) Lymph some cells in the brain leading to chaotic activ auses patients of to see and hear different st C) Parkinson's Disease D) Huntington's Disease e balance and equilibrium of body is called: C) Cerebe um
4) A box thin A) A B) A Pan A) N B) B	Rasma Indom, uncontrolled activity of s th sensory and motor nerves congs:  Episepsy Unberner's Disease t of hind brain responsible for the results  results  results  results  results	C) Serum D) Lymph some cells in the brain leading to chaotic activ auses patients of to see and hear different st  C) Parkinson's Disease D) Huntington's Disease e balance and equilibrium of body is called: C) Cerebe um D) Thalamus
4) A Rai book that A) A B Pan A) M B) P	Rasma Indom, uncontrolled activity of s th sensory and motor nerves congs:  Episepsy Unberner's Disease t of hind brain responsible for the results  results  results  results  results	C) Serum D) Lymph some cells in the brain leading to chaotic activ auses patients of to see and hear different st C) Parkinson's Disease D) Huntington's Disease e balance and equilibrium of body is called: C) Cerebe um
A) A Rai boi thin A) A Rai A)	Rasma Indom, uncontrolled activity of s th sensory and motor nerves congs:  Episepsy Unberner's Disease t of hind brain responsible for the results  results  results  results  results	C) Serum D) Lymph some cells in the brain leading to chaotic activ auses patients of to see and hear different st  C) Parkinson's Disease D) Huntington's Disease e balance and equilibrium of body is called: C) Cerebe um D) Thalamus
4 Rai boi thii 4) A 5) A Pan A) N 6) P Hum A) Li	Blood Plasma Indom, uncontrolled activity of some sensory and motor nerves congstances  Engelsy Itahemer's Disease It of hind brain responsible for the constances  that have homeostatic thermost serial verticity	C) Serum D) Lymph some cells in the brain leading to chaotic activ auses patients of to see and hear different st  C) Parkinson's Disease D) Huntington's Disease e balance and equilibrium of body is called: C) Cerebe um D) Thalamus at present in a specified portion of the brain the
4 Rai boi thii A; i a B) A B B B B B B B B B B B B B B B B B	Blood Plasma Indom, uncontrolled activity of some sensory and motor nerves cange:  Specify tanemer's Disease tof hind brain responsible for the fedural ons mans have homeostatic thermost serial ventrice one control of the control o	C) Serum D) Lymph  some cells in the brain leading to chaotic activ auses patients of to see and hear different st  C) Parkinson's Disease D) Huntington's Disease e balance and equilibrium of body is called: C) Cerebe um D) Thalamus at present in a specified portion of the brain the C) Thalamus D) Hypothalamus
4 Rai boi this A) 5 Pan A) N B) P Hum A) L2 B St The s	Flasma Indom, uncontrolled activity of some sensory and motor nerves congst  The sens	C) Serum D) Lymph  some cells in the brain leading to chaotic activ auses patients of to see and hear different st  C) Parkinson's Disease D) Huntington's Disease e balance and equilibrium of body is called: C) Cerebe um D) Thalamus at present in a specified portion of the brain the C) Thalamus D) Hypothalamus number of cells in the basal ganglia leads to income
A) A Ran book that A) A B A A) A B A B A B A B A B A B A B	Flasma Indom, uncontrolled activity of some sensory and motor nerves congst  The sensor of sensor of sensor of sensor of sensor of sensor of move  The sensor of sensor of sensor of sensor of move  The sensor of	C) Serum D) Lymph  some cells in the brain leading to chaotic activatures patients of to see and hear different states auses patients of to see and hear different states auses patients of to see and hear different states auses D) Huntington's Disease balance and equilibrium of body is called: C) Cerebe um D) Thalamus at present in a specified portion of the brain the C) Thalamus D) Hypothalamus number of cells in the basal ganglia leads to incement is known as:
A) 6) 4 Rai boi thii A) 6 Pan A) N B) P Hum A) L2 E S; The i	Flasma Indom, uncontrolled activity of some sensory and motor nerves congst  The sensor of sensor of sensor of sensor of sensor of sensor of move  The sensor of sensor of sensor of sensor of move  The sensor of	C) Serum D) Lymph  some cells in the brain leading to chaotic activ auses patients of to see and hear different st  C) Parkinson's Disease D) Huntington's Disease e balance and equilibrium of body is called: C) Cerebe um D) Thalamus at present in a specified portion of the brain the C) Thalamus D) Hypothalamus number of cells in the basal ganglia leads to income
A) A Rambol thin A) A B A B A B A B A B B B B B B B B B	Rasma Indom, uncontrolled activity of some sensory and motor nerves cange:  Summer's Disease to thind brain responsible for the result of summer's have homeostatic thermost serial verticals and initiate patters of move of and initiate patters of	C) Serum D) Lymph  some cells in the brain leading to chaotic activ auses patients of to see and hear different state  C) Parkinson's Disease D) Huntington's Disease e balance and equilibrium of body is called: C) Cerebe um D) Thalamus at present in a specified portion of the brain the C) Thalamus D) Hypothalamus number of cells in the basal ganglia leads to incement is known as:
# Rai boi this # # # # # # # # # # # # # # # # # # #	Pasma Indom, uncontrolled activity of some sensory and motor nerves cange:  The sensor of sensor of sensor of move services  The sensor of move sensor of move services  The sensor of move sensor of sensor of move services  The sensor of move sensor of sensor of sensor of move services  The sensor of	C) Serum D) Lymph  some cells in the brain leading to chaotic activ auses patients of to see and hear different st  C) Parkinson's Disease D) Huntington's Disease e balance and equilibrium of body is called: C) Cerebe um D) Thalamus at present in a specified portion of the brain the C) Thalamus D) Hypothalamus number of cells in the basal ganglia leads to incement is known as: C) Alzheimer's disease D) Parkinson's disease
A) A Rai boi this A) A B) A Pan A) N B Si The C to se A) Fee B) Epi A neu	Pasma Indom, uncontrolled activity of some sensory and motor nerves cange:  Epistory Epistory Extended brain responsible for the reduced one in the control of sease in which death of small indepsy and initiate patters of move of repsy mological disorder characterized mological disorder characterized	C) Serum D) Lymph  some cells in the brain leading to chaotic activatures patients of to see and hear different states of the see and hear different states of the seese of the properties of the seese of the balance and equilibrium of body is called: C) Cerebe um D) Thalamus at present in a specified portion of the brain the C) Thalamus D) Hypothalamus number of cells in the basal ganglia leads to interest is known as: C) Alzheimer's disease D) Parkinson's disease by the decline in brain function is
A) A Rai book this A) A B) A Pan A) Man A) Man A) Man A) Man A) Man A) Man A) Fel B) Epi A neu Sympt	Plasma Indom, uncontrolled activity of some sensory and motor nerves congs:  Plasma Ings:  Plasma Ings:  Plasma Ings:  Plasma Disease It of hind brain responsible for the second one of the second one of the second of the secon	C) Serum D) Lymph  some cells in the brain leading to chaotic activatures patients of to see and hear different states of the see and hear different states of the see and hear different states of the see and hear different states of patients of the see and equilibrium of body is called:  C) Cerebe um D) Thatamus at present in a specified portion of the brain the C) Thatamus D) Hypothalamus number of cells in the basal ganglia leads to incement is known as:  C) Alzheimer's disease D) Parkinson's disease I by the decline in brain function is less that cause dementia:
A) 6) 4 Rai boi thii A) 6 Pan A) N B) R Hum A) 12 B Si The i to se A) Fe A) recu symptic A) Pan A) Pan	Pasma indom, uncontrolled activity of some index in	C) Serum D) Lymph  some cells in the brain leading to chaotic activ auses patients of to see and hear different st  C) Parkinson's Disease D) Huntington's Disease e balance and equilibrium of body is called: C) Cerebe um D) Thalamus at present in a specified portion of the brain the C) Thalamus D) Hypothalamus number of cells in the basal ganglia leads to interest is known as: C) Alzheimer's disease D) Parkinson's disease I by the decline in brain function is es that cause dementia: C) Epilepsy
A) 6) 4 Rai 5) 4 8) 7 8) 8 Pan A) N B) 8 Hum A) 12 8 Si The 6 A) Rec Sympt A) Pan A) Pan A) Pan B) Aneu Sympt A) Pan	Pasma Indom, uncontrolled activity of some sensory and motor nerves canges:  Exemply Ithermer's Disease It of hind brain responsible for the reduced one in the responsible for the reduced one in the responsible for the reduced one in which death of small indicate and finitiate patters of move of repsy mological disorder characterized toms are similar to those disease themer's d	C) Serum D) Lymph  some cells in the brain leading to chaotic activ auses patients of to see and hear different sh  C) Parkinson's Disease D) Huntington's Disease e balance and equilibrium of body is called: C) Cerebe um D) Thalamus at present in a specified portion of the brain the C) Thalamus D) Hypothalamus number of cells in the basal ganglia leads to incement is known as: C) Alzheimer's disease D) Parkinson's disease I by the decline in brain function is es that cause dementia: C) Epilepsy D) Diabetes
A) 6) 4 Rai 5) 4 8) 7 8) 8 Pan A) N B) 8 Hum A) 12 8 Si The 6 A) Rec Sympt A) Pan A) Pan A) Pan B) Aneu Sympt A) Pan	Pasma Indom, uncontrolled activity of some sensory and motor nerves canges:  Exemply Ithermer's Disease It of hind brain responsible for the reduced one in the responsible for the reduced one in the responsible for the reduced one in which death of small indicate and finitiate patters of move of repsy mological disorder characterized toms are similar to those disease themer's d	C) Serum D) Lymph  some cells in the brain leading to chaotic activ auses patients of to see and hear different sh  C) Parkinson's Disease D) Huntington's Disease e balance and equilibrium of body is called: C) Cerebe um D) Thalamus at present in a specified portion of the brain the C) Thalamus D) Hypothalamus number of cells in the basal ganglia leads to incement is known as: C) Alzheimer's disease D) Parkinson's disease I by the decline in brain function is es that cause dementia: C) Epilepsy D) Diabetes
A) 6)  4 Rai boi thii A) 6  B) A Pan A) N B) B Hum A) L2  E Si The i to se A) Fe A neu sympti A) Pan A disci	Rasma Indom, uncontrolled activity of some sensory and motor nerves congst the mer's Disease to find brain responsible for the fedural constants have homeostatic thermost serial ventode the control disease in which death of small indicate and finitiate patters of move of serial disorder characterized toms are similar to those disease themes disease the disease themes disease the	C) Serum D) Lymph  some cells in the brain leading to chaotic activ auses patients of to see and hear different sh  C) Parkinson's Disease D) Huntington's Disease e balance and equilibrium of body is called: C) Cerebe um D) Thalamus at present in a specified portion of the brain the C) Thalamus D) Hypothalamus number of cells in the basal ganglia leads to incement is known as: C) Alzheimer's disease D) Parkinson's disease I by the decline in brain function is es that cause dementia: C) Epilepsy D) Diabetes activity in motor and sensory areas is:
A) 6)  4 Rai boi thii A) 6 Pan A) N B) P Hum A) 12 B Si The i to se A) Fei B) Epi A neu Sympt A) N B) A disci	Pasma Indom, uncontrolled activity of sets sensory and motor nerves congs:  Specify Canener's Disease It of hind brain responsible for the reduced ones  mans have homeostatic thermostatic	C) Secum D) Lymph  some cells in the brain leading to chaotic activ auses patients of to see and hear different st  C) Parkinson's Disease D) Huntington's Disease e balance and equilibrium of body is called: C) Cerebe um D) Thalamus at present in a specified portion of the brain the C) Thalamus D) Hypothalamus number of cells in the basal ganglia leads to incement is known as: C) Alzheimer's disease D) Parkinson's disease I by the decline in brain function is es that cause dementia: C) Epilepsy D) Diabetes aotic activity in motor and sensory areas is: C) Alzheimer's disease
A) B) A Rai boi thii A) A B) A Rai boi thii A) A B) A B Bi B	Rasma Indom, uncontrolled activity of some sensory and motor nerves congs:  Exemply Undermer's Disease It of hind brain responsible for the feducations India shave homeostatic thermost steral verticals  India comb disease in which death of small indict and finitiate patters of move in the feducations are similar to those disease there's disease the	C) Serum D) Lymph  some cells in the brain leading to chaotic activity auses patients of to see and hear different sh  C) Parkinson's Disease D) Huntington's Disease e balance and equilibrium of body is called: C) Cerebe um D) Thalamus at present in a specified portion of the brain the C) Thalamus D) Hypothalamus number of cells in the basal ganglia leads to incement is known as: C) Alzheimer's disease D) Parkinson's disease I by the decline in brain function is es that cause dementia: C) Epilepsy D) Diabetes aotic activity in motor and sensory areas is: C) Alzheimer's disease D) Parkinson's disease D) Parkinson's disease
A) A Rai boi thii A; i B) A Pan A) Pa	Pasma Indom, uncontrolled activity of sith sensory and motor nerves cange:  Eastphy Itthemer's Disease It of hind brain responsible for the reduced ons Inans have homeostatic thermostatic	C) Secum D) Lymph  some cells in the brain leading to chaotic activ auses patients of to see and hear different st  C) Parkinson's Disease D) Huntington's Disease e balance and equilibrium of body is called: C) Cerebe um D) Thalamus at present in a specified portion of the brain the C) Thalamus D) Hypothalamus number of cells in the basal ganglia leads to incement is known as: C) Alzheimer's disease D) Parkinson's disease I by the decline in brain function is es that cause dementia: C) Epilepsy D) Diabetes aotic activity in motor and sensory areas is: C) Alzheimer's disease
A) A Rai book that A) A B) A B Book A) A B Book A) A B Book A) A B B B B B B B B B B B B B B B B B	Pasma Indom, uncontrolled activity of sith sensory and motor nerves cange:  Episepsy Itchemer's Disease It of hind brain responsible for the Fedural Ons Inans have homeostatic thermostatic thermostatic thermostatic thermostatic thermostatic and initiate patters of moviner Iepsy Inological disorder characterized toms are similar to those disease there is disease the indicate the indi	C) Serum D) Lymph  some cells in the brain leading to chaotic activity auses patients of to see and hear different sh  C) Parkinson's Disease D) Huntington's Disease e balance and equilibrium of body is called: C) Cerebe um D) Thalamus at present in a specified portion of the brain the C) Thalamus D) Hypothalamus number of cells in the basal ganglia leads to incement is known as: C) Alzheimer's disease D) Parkinson's disease I by the decline in brain function is es that cause dementia: C) Epilepsy D) Diabetes aotic activity in motor and sensory areas is: C) Alzheimer's disease D) Parkinson's disease D) Parkinson's disease
A) A Rai boi thii A; i B) A B Pan A)	Pasma Indom, uncontrolled activity of sith sensory and motor nerves cange:  Episepsy Itchemer's Disease It of hind brain responsible for the Fedural Ons Inans have homeostatic thermostatic thermostatic thermostatic thermostatic thermostatic and initiate patters of moviner Iepsy Inological disorder characterized toms are similar to those disease there is disease the indicate the indi	C) Serum D) Lymph  some cells in the brain leading to chaotic active auses patients of to see and hear different st  C) Parkinson's Disease D) Huntington's Disease e balance and equilibrium of body is called: C) Cerebe um D) Thalamus at present in a specified portion of the brain the C) Thalamus D) Hypothalamus number of cells in the basal ganglia leads to incement is known as: C) Alzheimer's disease D) Parkinson's disease I by the decline in brain function is es that cause dementia: C) Epilepsy D) Diabetes aotic activity in motor and sensory areas is: C) Alzheimer's disease D) Parkinson's disease CNS to muscle and glands

-0	ENATION	12,000+ Question Bank
COOK	nervous system dominates du	Fing rest and
	the verification of the second	C) Parasympathetic
Q.51	A) Sympathetic	D) Somatic
	A) Sympomic  B) Autonomic  The gap between neurons and sarcolemm	la is:
	and day	C) Synapses
Q.52	4) Synop - Jan Sunction	D) 1 .
	B) Neuromuscular junction Sensory neuron enter the spinal cord thro	augh:
-2	. AAFT 11	C) Ventral root
Q.53	A) Dorsal tooth	D) Ventral hom
	A) Dorsal horn  B) Dorsal horn  The left cerebral hemisphere controls	eide et a
Q.54	The left co.	C) Left
Q.J.	A) Right	D) None of the above
	B) Lateral Medulla controls	a) would by the above
Q.55	Medulia corre	C) Heart rate
4	A) Breathing B) Blood pressure	D) All of the above
	The cell membrane is virtually impermea	hie to all lone above
Q.56	The CEIT III	C) Mg**
	A) Ca**	D) K+
	B) Na*	d diffusion of Na+ into cell till the restoration o
Q.57	resting membrane potential takes:	- sinusion of Mar Into cell till the restoration o
	A)1-2 milliseconds	C) 2-3 milliseconds
	B)3-4 milliseconds	D) 1 milliseconds
	which neurotransmitter is not involved	in synaptic transmission within the brain and
Q.58	spinal cord?	A SAMPLIC CONSTITUES ON WICHIN CHE DESIGN SIN
	A) Adrenaline	C) Dopamine
	A) Agretianio	D) Acetylcholine
	B) Serotonin Neurosecretory cells are present in:	b) Accipionale
Q.59		C) Midbrain
	A) Pons  B) Hypothalamus	D) Cerebelium
	It is the material in the brain & spinal co	
Q.60	sheathes of nerve cells:	
	A) White matter	C) Gray matter
	B) Yellow matter	D) None of these
	and the innervative of the innervative	
Q.61	A) Skeletal muscles	C) Glands
	8) Smooth muscles	D) Cardiac muscles
0.63	the second and the second life.	
Q.62	A) 86	C) 43
	B) 33	D) 12
0.63	and the state of the section to:	
Q.63	A) Dialyzing fluid	C) Synovial fluid
		D) Blood plasma
Q.64	The branch of the autonomic nervous sy	ystem that induces the "flight or fight" response
Q.Q4	is the	
	A) Sympathetic	C) Parasympathetic
		D) Somatic nerve
0.65	B) Vagus nerve Frequency of action potential (Impulse)	) is directly proportional to stimulus;
Q.03	A) Nature	
	A) Nature	D) Any of above
Q.66	B) Frequency . In Hydra:	
4.00		C) Nerves
	A) Neurons .	D) Both b & C
0.67	B) Ganglia  Over-activity of sympathetic nervous 5)	vstem causes:
Q.67		C) Constipation
	A) Disturbance of vision	D) Increase in heart rate
	B) Decrease in blood pressure	

		shen they are stimulated by impulse
0	AB Which structures respond	when they are stimulated by impulse coming through
	Production ?	C) Responses
	A) Pracegezers	D) Transduction
	\$17 \$1770x Scotts	d to:
Q.		
	A) Carebrum	D) Hypothalamus
	g) maguing	D) Hypothalamus practerized by involuntary tramors, diminished motor  C) Parkinson's disease
Q.7	A menanogical complete	Motor Property
	and rigidity is carred.	C) Parkinson's disease
	the statement display	D) Cerebellar lumors
	5) Alphenner's disease  The number of cranial nerva	é la humans lat
Q 7		C) 12 pairs
	A) 32 pairs	D) 62 pairs
	6) 24 pairs	role breathing, heart rate and swallowing is:
Q 7		
	A) Cerebrum	D) Hypothalamus
en en 1	Course of Barkinson's disease	is death of brain cells that produce:
Q 71		C) Marian
	A) Dopartine Is) ACM hormone	D) Oxytoen
	The second secon	he part of:
Q.74		C) tota brance
	A) Spinal Cord	D) Mid brain
	There is also swidence that	high levels of may contribute to the on
Q.78	Alsheimer's disease:	
		C) Mg
	A) Co	D) Al
	fi) No L-dope of Levo-dops is used to	o net some relief from:
Q.76	F-dobe of Caro-trops is there to	C) Parkinson's disease
	A) Epitepsy	- D) Dementia
	(i) Alzheimer's @hebre .	emispheres are connected by a thick band of nerve
Q.77		all spines of the same of the
	calleda	C) Corpus collasum
	A) Medulia	D) Hippocampus
	B) Pons	idea amouth and accurate motions and maintain
.76		uides smooth and accurate motions and maintains
	position is called?	C) Corebellum
	A) Construitti	C) Cerebellum
	at Bons	D) Medulla
79	Which one of the following is ti	ne effect of sympathetic nervous system?
	A) Construction of bronchi	C) Decrease in tierre race
	the promotest dispersion of penstalsis	D) Dilates the pupil
	High levels of aluminimum may	contribute to the onset of which one of the following
	A) Parkinson's disease	C) Epilepsy
		D) Gonorrhea
	Alzheimer's disease	
_	Which disease is responsible for	C) Alzhermer's disease
	) Parkanson's disease	
2	) Ернерѕу	D) Graves' disease
	eurotransmitter secreted at sy	napse outside the central nervous system is:
2 6	Dopamine	C) Polypeptide
		D) Acobulcholina
A	anduction of action notantials	from one node of Ranvier to another in mye
A	windings of echasi batchings	The state of the s
A (8)	and a state of the	
A B) 3 Cc	iurons is through:	man and the second seco
B) 3 Co	turons is through: Hyperpolarization	C) Resting membrane potential
A B) 3 Co ne A)	iurons is through:	C) Resting membrane potential  D) Saltatory conduction
A B) 3 Cc ne A) B)	urons is through: Hyperpolarization Depolarization	D) Saltatory conduction
8) 3 Co ne A) B) In	urons is through: Hyperpolarization Depolarization	



Q.99	Random, uncontrolled activity of some cells in the brain leading to chaotic activity both sensory and motor nerves causes patients of to see and hear different atransports and motor nerves causes patients of to see and hear different atransports of the sensory and motor nerves causes patients of to see and hear different atransports.								
Q.ss	both sensory and motor here.	C) Parkinson's Disease							
	ebings:	L) Fathing							
	A) Foilepsy	D) Huntington's Disease  The balance and equilibrium of body is called:  C) Cerebellum  D) Thalamus							
	n) Alzheimer's Disease	the balance and equilibrium of body is called:							
	Part of hind brain responsible to	C) Cerebellum							
Q.100	As Asadulla	D) Thalamus							
	A) Medulia	present in a specified portion of the brain the							
	B) Pons	nostat present in a specified portion of the brain that he C) Thalamus							
Q.101	Humans have tricie	D) Hypothalamus							
	A) Lateral ventricle	has of cells in the basal ganglia leads to love							
	B) Spinal coru	mail number of commas:							
Q.102	The disease in which death of si to select and initiate patters of	mait number of cells in the basal ganglia leads to inabilimovement is known as:  C) Alzheimer's disease							
	to select and Initiate	C) Algrentation dispass							
	A) Fever	D) Parkinson's distribution is							
	B) Epilepsy	erized by the decline in ordina							
Q.103	A neurological disorder charactersymptoms are similar to those of	prized by the decline in brain function is] prized by the decline in brain function is] prized by the decline in brain function is]							
	symptoms are sitting	C) Chuchat							
	A) Parkinson's disease	D) Diabetes  ses chaotic activity in motor and sensory areas is:  C) Alzheimer's disease							
	B) Alzheimer's disease	es chaotic activity in motor and sensory areas is:							
0.104	A discharge by brain which caus	C) Alzheimer's disease							
	B) Epilepsy	from CNS to muscle and glands  C) Associate  O) All of the above							
0.105	neurons carry signs	C) Associate							
Q.103	A) Sensory	. D) All of the above							
	B) Motor	ninates during rest and ruminations  C) Parasympathetic							
- 405	nervous system don	C) Parasympathetic							
Q.106	A) Sympathetic	D) Somatic							
	n) autonomic	that induces the "flight or fight" response							
	the beauth of the autonomic ner	D) Somatic  rous system that induces the "flight or fight" response							
Q.107	is the	C) Parasympathetic							
	is the								
	A) Sympathetic	D) Somatic nerve							
	B) Vagus reive	synapses is							
Q.108	The main neurosass	Synapses is which lie outside the centr							
	DELAORIZ BARCOM	C) Choling							
	A) Acetylcholine	D) Phosphatidylcholine							
	B) Acetaldehyde The reflex action is the phenome	na which only involves.							
0.109	The reflex action is the present	C) Receptors effectors and spinal cord							
_	A) Receptors and effectors	D) Receptors neurons brain							
	B) Brain receptors spinal colo	ability of sodium ions in the neurons increases due to.  C) Sodium ions forming an ionic bonding							
0.110	In an action potential the permo	C) Sodium ions forming an ionic bonding							
	A) Repolarization	D) The action of the acetylcholinesterase enzyme							
	A) Repolarization  B) The opening of sodium channels/  B) The opening of sodium channels/	pates D) The action of the acetylchomicscond our nervol							
411	Acetylcholine and noradrenaline	are two types -							
5-1-4-	system.								
	A) Enzymes	of a politoria							
	A) Enzymes  B) Channel and carrier proteins in th	e cell membrane or a neurone							
	C)Neurotransmitters								
		the best along the senso							
	D)Hormones	impulses travel to the brain along the senso							
.112	If stimulation is above								
-	neuron.	C) Resting potential							
1	A) Recovery period	D) Threshold							
ě	B) Action potential	ande of Rapyler to the next in a myelinated her							
.113 1	When nerve impulse from one n	D) Threshold  ode of Ranvier to the next in a myelinated neuron in							
	alled.	C)Saltatory conduction							
		L/2ditaly/ J dollars							
_	() Synapses	D)Membrane Potential							

eQU.		hemical coordination) GRIP ENTRY TEST BOOK SERIES 12,000+ Question Bank
-	In nervous system chemical messes  A) Neurotransmitter's  A) Themorecoptores	engers are called.
114	In nervous System  In nervous System  Neurotransmitter's  A) Neurotransmitter's	C) Harmones
$Q^{11}$	A) Neurotransmoreccptores  B) Chemoreccptores  B) chemoreccptores  B) chemoreccptores	D) Enzyme
	B) Chany sodium ions are pumpe	D) Enzyme ed out in response to two potassium ions transporte  C) 3
a 115	How many southerne?	potassium ions transporte
	7	-, -
	A) 2	D) 1
	A) 4 Repolarization occurs when. Repolarization occurs when. A) Na+ moves outside axon	
0.116	Repolarization  A) Na+ moves outside axon  A) Na+ moves inside axon	C) K+ moves outside axon
	A) Na+ moves inside axon  B) Na+ moves inside axon  the transmission of nerve in	D) K+ moves inside axon
	the transfer	"Perso ulfolion a manus of the
3.117	inner side of the plasma membrane	has which type of electric charge
	A ACITIVE ITIES TO THE LUIS	LIBUR TO DO BORNALIS
	AAMAILYE MIEN BOOK O ONE CON	WHILE III DO DOCUMA
	THE PARKITIVE UTCH TO SECURE AND ADD	IIII WALK ID AUCITION
	C) First positive then positive and aga	in back to negative
	The diagram illustrates a nerve cell	. It can be correctly identified as
.118	p) first negative their positive and again the diagram illustrates a nerve cell	productied as.
	1	
	Ja .	
	A) Sensory neuron	C) Oligodendrocyte
	B) Motor neuron	D) Interneuron
.119	In central nervous system are four	C) Intermediate and consider accompany
	A 1 Description of the second	
	B) Motor and intermed ate neurons	D) Only intermediate neurons
,120	Which of the following is the exam	pre or conditioned reflex?
	AT DEBUG MINISTERS AND AND A STATE OF THE ST	needle
	B) Eyes closed when anything enter int C) During digestion food goes forward i	O AL
	as purpos dispersion into dides in word	n alimontady
	C) Dilittid didestroy representation	n allmentary
	dog ealwates when you find	a bell
121	D) Trained dog salivates when you ring The human hind brain comprises th	a bell ree parts one of which is.
.121	D) Trained dog salivates when you ring  The human hind brain comprises th  A) Cerebellum	a bell ree parts one of which is. C) Spinal cord
.121	D) Trained dog salivates when you ring  The human hind brain comprises th  A) Cerebellum  B) Hypothalamus	a bell ree parts one of which is.
.121	D) Trained dog salivates when you ring The human hind brain comprises th A) Cerebellum B) Hypothalamus Selective weed killer	a bell ree parts one of which is. C) Spinal cord D) Corpus callosum
.121	D) Trained dog salivates when you ring The human hind brain comprises th A) Cerebellum B) Hypothalamus Selective weed killer A) Naphthalene acetic acid	a bell ree parts one of which is. C) Spinal cord D) Corpus callosum C) 2,4 Dichloro phenoxy acetic acid
.121	D) Trained dog salivates when you ring The human hind brain comprises th A) Cerebellum B) Hypothalamus Selective weed killer A) Naphthalene acetic acid	a bell ree parts one of which is.  C) Spinal cord D) Corpus callosum  C) 2,4 Dichloro phenoxy acetic acid D) None of These
.121	D) Trained dog salivates when you ring The human hind brain comprises th A) Cerebellum B) Hypothalamus Selective weed killer A) Naphthalene acetic acid	a bell ree parts one of which is.  C) Spinal cord D) Corpus callosum  C) 2,4 Dichloro phenoxy acetic acid D) None of These res are commercially obtained from fungal cultures?
.122	D) Trained dog salivates when you ring The human hind brain comprises th A) Cerebellum B) Hypothalamus Selective weed killer A) Naphthalene acetic acid B) Indole propionic acid Which of the following plant hormor	a bell ree parts one of which is.  C) Spinal cord D) Corpus callosum  C) 2,4 Dichloro phenoxy acetic acid D) None of These res are commercially obtained from fungal cultures? C) Abscisic acid
.122	D) Trained dog salivates when you ring The human hind brain comprises th  A) Cerebellum  B) Hypothalamus Selective weed killer  A) Naphthalene acetic acid  B) Indole propionic acid  Which of the following plant hormor  A) Gibberellins  B) Cytokings	a bell ree parts one of which is.  C) Spinal cord D) Corpus callosum  C) 2,4 Dichloro phenoxy acetic acid D) None of These res are commercially obtained from fungal cultures? C) Abscisic acid D) Ethene
.122	D) Trained dog salivates when you ring The human hind brain comprises th  A) Cerebellum  B) Hypothalamus Selective weed killer  A) Naphthalene acetic acid  B) Indole propionic acid  Which of the following plant hormon  A) Gibberellins  B) Cytokinins	a belf ree parts one of which is.  C) Spinal cord D) Corpus callosum  C) 2,4 Dichloro phenoxy acetic acid D) None of These res are commercially obtained from fungal cultures? C) Abscisic acid D) Ethene correct?
.122	D) Trained dog salivates when you ring The human hind brain comprises th  A) Cerebellum  B) Hypothalamus Selective weed killer  A) Naphthalene acetic acid  B) Indole propionic acid  Which of the following plant hormon  A) Gibberellins  B) Cytokinins  Which of the following statement is	a bell ree parts one of which is.  C) Spinal cord D) Corpus callosum  C) 2,4 Dichloro phenoxy acetic acid D) None of These res are commercially obtained from fungal cultures? C) Abscisic acid D) Ethene correct? ore abundant than cold receptors
.122	D) Trained dog salivates when you ring The human hind brain comprises th A) Cerebellum B) Hypothalamus Selective weed killer A) Naphthalene acetic acid B) Indole propionic acid Which of the following plant hormon A) Gibberellins B) Cytokinins Which of the following statement is A) Pain receptors are nearly 27 times m	a bell ree parts one of which is.  C) Spinal cord D) Corpus callosum  C) 2,4 Orchloro phenoxy acetic acid D) None of These res are commercially obtained from fungal cultures?  C) Abscisic acid D) Ethene correct? ore abundant than cold receptors a abundant than cold receptors
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.122	The human hind brain comprises th  A) Cerebellum  B) Hypothalamus  Selective weed killer  A) Naphthalene acetic acid  B) Indole propionic acid  Which of the following plant hormon  A) Gibberellins  B) Cytokinins  Which of the following statement is  A) Pain receptors are nearly 27 times m  B) pain receptors are nearly 10 time mo  C) pain receptors are nearly 27 times m	a bell ree parts one of which is.  C) Spinal cord D) Corpus callosum  C) 2,4 Dichloro phenoxy acetic acid D) None of These res are commercially obtained from fungal cultures?  C) Abscisic acid D) Ethene correct? ore abundant than cold receptors are abundant than cold receptors ore abundant than temperature receptors ore abundant than heat receptors
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.121 .122 .123 .124	The human hind brain comprises the A) Cerebellum  B) Hypothalamus  Selective weed killer  A) Naphthalene acetic acid  B) Indole propionic acid  Which of the following plant hormon  A) Gibberellins  B) Cytokinins  Which of the following statement is  A) Pain receptors are nearly 27 times man  B) pain receptors are nearly 27 times man  C) pain receptors are nearly 27 times man  D) cold receptors are nearly 27 times man  The chief structural and functional units  The chief structural and functional units  A) Pain receptors are nearly 27 times man  The chief structural and functional units  The chief structural u	a bell ree parts one of which is.  C) Spinal cord D) Corpus callosum  C) 2,4 Dichloro phenoxy acetic acid D) None of These res are commercially obtained from fungal cultures? C) Abscisic acid D) Ethene correct? ore abundant than cold receptors are abundant than cold receptors ore abundant than temperature receptors ore abundant than heat receptors ore bundant than heat receptors ore abundant than heat receptors
.121 .122 .123 .124	The human hind brain comprises the A) Cerebellum  B) Hypothalamus  Selective weed killer  A) Naphthalene acetic acid  B) Indole propionic acid  Which of the following plant hormon  A) Gibberellins  B) Cytokinins  Which of the following statement is  A) Pain receptors are nearly 27 times min  B) pain receptors are nearly 10 time mod  C) pain receptors are nearly 27 times min  D) cold receptors are nearly 27 times min  The chief structural and functional union	a bell ree parts one of which is.  C) Spinal cord D) Corpus callosum  C) 2,4 Dichloro phenoxy acetic acid D) None of These res are commercially obtained from fungal cultures? C) Abscisic acid D) Ethene correct? ore abundant than cold receptors are abundant than cold receptors ore abundant than temperature receptors ore abundant than heat receptors ore abundant than heat receptors ore abundant than heat receptors
.121 .122 .123 .124	The human hind brain comprises the A) Cerebellum  B) Hypothalamus Selective weed killer A) Naphthalene acetic acid B) Indole propionic acid Which of the following plant hormon A) Gibberellins B) Cytokinins Which of the following statement is A) Pain receptors are nearly 27 times m B) pain receptors are nearly 10 time mo C) pain receptors are nearly 27 times m D) cold receptors are nearly 27 times m The chief structural and functional units A) Neuroglia B) Neurons	a beli ree parts one of which is.  C) Spinal cord D) Corpus callosum  C) 2,4 Dichloro phenoxy acetic acid D) None of These res are commercially obtained from fungal cultures?  C) Abscisic acid D) Ethene  correct? ore abundant than cold receptors are abundant than cold receptors ore abundant than temperature receptors ore abundant than heat receptors ore abundant than heat receptors ore abundant than heat receptors ore abundant cold receptors ore abundant than heat receptors ore abundant cold receptors ore abundant than heat receptors
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.121 .122 .123 .124 .124	The human hind brain comprises the A) Cerebellum  B) Hypothalamus  Selective weed killer  A) Naphthalene acetic acid  B) Indole propionic acid  Which of the following plant hormon  A) Gibberellins  B) Cytokinins  Which of the following statement is  A) Pain receptors are nearly 27 times m  B) pain receptors are nearly 27 times m  C) pain receptors are nearly 27 times m  D) cold receptors are nearly 27 times m  The chief structural and functional units  A) Neuroglia  B) Neurons  Nissi's granules consists of  A) Ribosomes  B) Rough endoplasmic reticulum	a bell ree parts one of which is.  C) Spinal cord D) Corpus callosum  C) 2,4 Dichloro phenoxy acetic acid D) None of These res are commercially obtained from fungal cultures? C) Abscisic acid D) Ethene correct? ore abundant than cold receptors are abundant than cold receptors ore abundant than temperature receptors ore abundant than heat receptors ore abundant than heat receptors ore abundant cold receptors ore abundant than heat receptors ore abundant and b  C) Schwann cells D) both a and b
.121 .122 .123 .124 .125	The human hind brain comprises the A) Cerebellum  B) Hypothalamus Selective weed killer A) Naphthalene acetic acid B) Indole propionic acid Which of the following plant hormon A) Gibberellins B) Cytokinins Which of the following statement is A) Pain receptors are nearly 27 times in B) pain receptors are nearly 27 times in C) pain receptors are nearly 27 times in D) cold receptors are nearly 27 times in D) cold receptors are nearly 27 times in C) he chief structural and functional in A) Neuroglia B) Neurons Nissi's granules consists of A) Ribosomes B) Rough endoplasmic reticulum Number of neurons involved in a refi	a bell ree parts one of which is.  C) Spinal cord D) Corpus callosum  C) 2,4 Dichloro phenoxy acetic acid D) None of These res are commercially obtained from fungal cultures? C) Abscisic acid D) Ethene correct? ore abundant than cold receptors are abundant than cold receptors ore abundant than temperature receptors ore abundant than heat receptors ore abundant than heat receptors ore abundant cold receptors ore abundant than heat receptors ore abundant and b  C) Schwann cells D) both a and b
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	In the unstimulated state, a neur	of the said
	AT + /UITIY	
	B)-70mV	D) + 50m V Impulse is initiated by an appropriate stimulus called
Q.129	Under normal conditions a nerve	C) open stimulus
	A3 intrinsion stimulus	C) Open someone
	B) threshold stimulus	A STATE OF THE PARTY OF THE PAR
Q.130	One of the examples of the actio	C) Pupillary reflex
_	A) Swallowing of food	C) Pupillary tersponse  O) Knee Jerk response  O) Knee Jerk response to concentration gradient
	B) Peristalsis of the Intestine	D) Knee / along to concentration gradient
Q.131	In the resting state of the neural	O) Knee Jerk response membrane diffusion along to concentration gradient
Ť	If allowed would drive.	
	A) K+ outof the cell	D) Na+ out of the cell  D) Na+ out of the cell
	B) Na+ Into the cell	D) Na+ out of the cell nerve impulse through nerve fibre is due to the fact
0.132	Unidirectional transmission of a	HELAS ILIBRIDES
	that.	the state of the state of the
	A) Nervefibre is insulated by a medu	Mary sheath and then continues into the herve riong
	B) Sodium pump starts operating on	illary sheath ily at the cyton and then continues into the nerve fibre by at the cyton and not by axon endings y dendrites and not by dendrites
	B) Sodium pump starts operating on C) Neurotransmitters are released by D) Neurotransmitters are released by	y denontes and not by denontes
	D) Neurotransmitters are released b  The transmission of nerve impuls  A) Chemical and unidirectional	y dendrites and not by axon by dendrites  y the axon endings and not by dendrites  se in the synaptic cleft is-  co chemical and bidirectional
0.133	The transmission of nerve impuls	c) Chemical and bidirectional
A.23.	A) Chemical and unidirectional	C) Chemical and bidirectional D) Electrical and bidirectional
	B) Electrical and unidirectional	severed by fatty sheathr
A 424	Which of the following parts of a	neuron is covered by fatty sheath?  C)Cyton  D)node of Ranvier
Q.13	A) Axon	/ D)node of Ranvier
	A) And the	>
- 45	B) Dendrite     Which of the following statement     A) Saltatory conduction is seen in nor     A) Saltatory conduction is seen in muscles.	s is a con-
Q.13	Saltatant conduction is seen in nor	-myelinacco ne
	A) Saltatory colors are found in musc	es riores
	B) Nissi's granules are found in musci     Non myelinated nerve fibres do not	mpletely enclosed by myelin sheath argest.
	C) Non myellated nerve fibres are co	impletely enclosed by
	Non myelinated nerve horses     Which part of the human brain is i	C) Thalamus
Q.13	6 Which part of the	D) Medulla obiongata
	A) Cerebellum	D) Medical distance of the control o
	8) Cerebrum Which of the following does not ac	t as a neurotransamic acid
Q.137	Which by the follow	C) Glutamic acid
	A) Acetylcholine	Tyrasine D) Tyrasine
	D) aniceCDUIE	
	B) epinephrine	een.
Q.138	Synapse is a microscopic gap better	
Q.138	Synapse is a microscopic gap better	
Q.138	A) Consective neurons  B) Presynaptic neurons and postsynapi	
	A) Consective neurons  B) Presynaptic neurons and postsynapi  C) axons and dendrites	tic neurons
	A) Consective neurons  B) Presynaptic neurons and postsynapi  C) axons and dendrites	tic neurons
0.139	A) Consective neurons  B) Presynaptic neurons and postsynapt  C) axons and dendrites  D) All of these  Inside of membrane becomes posit	tic neurons
Q.139	Synapse is a microscopic gap better A) Consective neurons B) Presynaptic neurons and postsynapi C) axons and dendrites D) All of these Inside of membrane becomes posit A) Active potential	ive relative to the outside during  C) Polarize potential
Q.139	Synapse is a microscopic gap costs  A) Consective neurons  B) Presynaptic neurons and postsynapi  C) axons and dendrites  D) All of these  Inside of membrane becomes posit  A) Active potential	ive relative to the outside during  C) Polarize potential  D) None of these
Q.139	Synapse is a microscopic gap costs  A) Consective neurons  B) Presynaptic neurons and postsynapi  C) axons and dendrites  D) All of these  Inside of membrane becomes posit  A) Active potential	tic neurons  ive relative to the outside during  C) Polarize potential  D) None of these  brane surface is
Q.139	Synapse is a microscopic gap determined  A) Consective neurons  B) Presynaptic neurons and postsynapi  C) axons and dendrites  D) All of these  Inside of membrane becomes positive potential  B) Resting potential  Concentration of K* inside the mem	ive relative to the outside during  () Polarize potential  () None of these  brane surface is  () thirty folds higher than outside
Q.139 3.140	A) Consective neurons  B) Presynaptic neurons and postsynapt  C) axons and dendrites  D) All of these  Inside of membrane becomes posit  A) Active potential  Concentration of K* inside the mem  I ten folds higher than outside	ive relative to the outside during  () Polarize potential  () None of these  brane surface is  () thirty folds higher than outside  () None of these
Q.139 2.140	A) Consective neurons  B) Presynaptic neurons and postsynapt  C) axons and dendrites  D) All of these  Inside of membrane becomes posit  A) Active potential  Concentration of K* inside the mem  I ten folds higher than outside	ive relative to the outside during  () Polarize potential  () None of these  brane surface is  () thirty folds higher than outside  () None of these
Q.139 2.140 G A .141 N	A) Consective neurons  B) Presynaptic neurons and postsynapt  C) axons and dendrites  D) All of these  Inside of membrane becomes posit  A) Active potential  Concentration of K* inside the mem  I ten folds higher than outside  I twenty folds higher than outside  ervous system design is highly co-	tic neurons  ive relative to the outside during  C) Polarize potential  D) None of these  brane surface is  C) thirty folds higher than outside  D) None of these  related with animal's
Q.139 2.140 ( A .141 N	A) Consective neurons  B) Presynaptic neurons and postsynapt  C) axons and dendrites  D) All of these  Inside of membrane becomes posit  A) Active potential  B) Resting potential  Concentration of K* inside the mem  I ten folds higher than outside  I twenty folds higher than outside  Life history	ive relative to the outside during  () Polarize potential  () None of these  brane surface is  () thirty folds higher than outside  () None of these  - related with animal's  () evolution
Q.139 2.140 ( A .141 N	A) Consective neurons  B) Presynaptic neurons and postsynapt  C) axons and dendrites  D) All of these  Inside of membrane becomes posit  A) Active potential  B) Resting potential  Concentration of K* inside the mem  I ten folds higher than outside  I twenty folds higher than outside  Life history	ive relative to the outside during  () Polarize potential  () None of these  brane surface is  () thirty folds higher than outside  () None of these  - related with animal's  () evolution
Q.139 2.140 ( A .141 N	A) Consective neurons  B) Presynaptic neurons and postsynapt  C) axons and dendrites  D) All of these  Inside of membrane becomes posit  A) Active potential  B) Resting potential  Concentration of K* inside the mem  I ten folds higher than outside  I twenty folds higher than outside  Life history	ive relative to the outside during  () Polarize potential  () None of these  brane surface is  () thirty folds higher than outside  () None of these  - related with animal's  () evolution
Q.139 2.140 ( B .141 N A) B)	Synapse is a microscopic gap determination of K* inside the membrane becomes position folds higher than outside ervous system design is highly could life history.	tic neurons  ive relative to the outside during  C) Polarize potential  D) None of these  brane surface is  C) thirty folds higher than outside  D) None of these  related with animal's  C) evolution  D) size And shape epares the body for stressful and energetic activity
Q.139 Q.140 (A A) A) A) B) (42 W)	Synapse is a microscopic gap determination of these  Inside of membrane becomes positional potential concentration of K* inside the membrane of the folds higher than outside ervous system design is highly could be style which division of nervous system prohit or flight"	ive relative to the outside during  C) Polarize potential D) None of these brane surface is C) thirty folds higher than outside D) None of these - related with animal's C) evolution D) size And shape epares the body for stressful and energetic activity
Q.139 2.140 (A) B) A) B) (42 W)	Synapse is a microscopic gap octate  A) Consective neurons  B) Presynaptic neurons and postsynapi  C) axons and dendrites  D) All of these  Inside of membrane becomes positive potential  B) Resting potential  Concentration of K* inside the mem  I ten folds higher than outside  I twenty folds higher than outside  I twenty folds higher than outside  Life history  Life style  I ch division of nervous system property of the proper	ive relative to the outside during  C) Polarize potential D) None of these brane surface is C) thirty folds higher than outside D) None of these - related with animal's C) evolution D) size And shape epares the body for stressful and energetic activity
Q.139 Q.140 (A) B) (42 W) fig A)	A) Consective neurons  B) Presynaptic neurons and postsynaptic neither neurons positic neurons positic neurons positic neurons positic neurons n	tic neurons  ive relative to the outside during  C) Polarize potential  D) None of these  brane surface is  C) thirty folds higher than outside  D) None of these  related with animal's  C) evolution  D) size And shape  epares the body for stressful and energetic activity  C) Sympathetic nervous system  D) Peripheral nervous system
Q.139 Q.140 (A) B) (42 W) fig A) B) (43 The	A) Consective neurons  B) Presynaptic neurons and postsynapi C) axons and dendrites D) All of these Inside of membrane becomes positional and potential B) Resting potential Concentration of K* inside the membrane becomes position of the inside the membrane becomes position of the inside the membrane becomes positional and inside the inside the inside the inside becomes system design is highly concentration of nervous system probability in the instance of the	tic neurons  ive relative to the outside during  C) Polarize potential  D) None of these  brane surface is  C) thirty folds higher than outside  D) None of these  related with animal's  C) evolution  D) size And shape  epares the body for stressful and energetic activity  C) Sympathetic nervous system  D) Peripheral nervous system
Q.139 Q.140 (A) B) (42 W) fig A) B) (43 The A) e	A) Consective neurons  B) Presynaptic neurons and postsynaptic neither neurons positic neurons positic neurons positic neurons positic neurons n	tic neurons  ive relative to the outside during  C) Polarize potential  D) None of these  brane surface is  C) thirty folds higher than outside  D) None of these  related with animal's  C) evolution  D) size And shape  epares the body for stressful and energetic activity  C) Sympathetic nervous system  D) Peripheral nervous system

BRIP INSTITUTE - THE BEST INSTITUTE FOR ENTRY TESTS PREPARATION

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# COORDINATION AND CONTROL (nervous and chemical coordination) GRIP ENTRY TEST BOOK SERIES 12,000+ Other Control Series Q.144 Depolarization of an axon is produced by the movement of: 12,000+ Question Bank

C) K+ into the axen and Na+ out of the axen

p) Na\* and K\* within the axon towards the axon terminal Q.145 What will happen if the receptor sites on the post-synaptic membrane are blocked by a

C) muscle contraction D) muscle paralysis

Q.146 Which of these are the first and last elements in a spinal reflex?

g.147 Impulses travel very rapidly along nerves to the leg of a man. Which fact accounts for

C) there is a high concentration of Na\* ions inside the axons

D) there is a potential difference across the axon membranes Q.148 Where are neurotransmitter receptors located?

B) at nodes of Ranvier

C) on the postsynaptic membrane D) in the myelin sheath

## ANSWERS

1.	В	2.	В												
9.	A			3,	A	4.	В	5.	-	-					
		10.	C	11.	A	12.	C		C	6.	A	7.	A	-	_
17.	D	18.	С	19.	В	20.		13,	A	14,	A	15.		8.	(A
25.	В	26.	С	27.	8	-	C	21,	В	22.	C		В	16.	B
33.	A	34.	D	35.		28.	С	29.	D	30.	-	23.	A	24,	В
41,	С	42.			С	36.	8	37.	D	38.	A	31.	C	32.	В
			В	43,	В	44,	A	45.	C		В	39.	В	40.	В
49.	В	50.	В	51.	Ç	52.	В	53.		46.	D	47,	D	48.	D
57.	C	58.	D	59.	В	60.	A		A	54,	A	55.	D	56,	D
65.	С	66.	0	67.	D	58.		61.	A	62,	A	63.	D	64.	A
73.	A	74.	С	75.			8	69.	В	70,	C	71,	C	72.	_
81.	С	82.			0	76.	С	77,	C	78.	C	79.	D	80,	В
89.			D	83.	D	84.	A	85.	В	86.	A	87.	D	-	В
	D	90.	A	91.	A	92.	A	93,	0	94,	C	95.		88.	٥
97.	В	98.	A	99.	Α	100.	С	101.	D	102.		-	C	96.	В
105.	В	106.	С	107.	A	108.	A	109.	C	-	D	103.	В	104.	8
113.	Ç	114.	A	115.	С	116.				110.	В	111.	Ç	112,	D
121.	A	122.	С			-	C	117.	D	118.	A	119.	D	120.	D
129.	В			123,	A	124.	A	125.	В	126.	D	127.	A	128.	В
137.		130.	В	131.	A	132.	D	133.	A	134.	A	135.	A	136.	В
-	С	138,	D	139.	A	140.	В	141.	С	142.	С	143.		144.	C
145.	A	145.	D	147.	A	148.	D	149.	С	150.		151.		152.	-

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Scanned with CamScanner

•	Q.1 Body cavity of round worms	is called:	Sept Sept
	A) Pseudocoelom	C) Accelom	1
	B) Coelom	D) Enteron	
•	Q-2 The cavity between body wal	I and alimentary canal is:	
	A) Pseudocoelom	C) Coeiom	
	8) Accelom	D) Gastrovascular cavity	
•	2.3 In arthropods, the body cavil		
	A) Coelom	C) Pseudocoelom	
	2.4 In radial symmetry all body in	D) Enteron	
	red reserves symmetry all body p	earts are arranged around the central axis	D
	A) Sessile	C) Pseudocoelom  D) Enteron  Parts are arranged around the central axis.  of life:  C) Active  D) Parasitic	scadigi share
	B) Streamlined	D) Parasitic	Calula .
Q	.5 All of the animals of Grade Ra	D) rolostic	· ·
	A) Diploblastic	C) Pseudocoelomates	
	B) Tripioblastic	D) Coelomates	
Q.	6 All the animals included in gra	de Bliateria are	
	A) Diploblastic	C) Both 'a' & 'b'	
	B) Unicellular	D) Triploblastic	
Q.	7 Pseudocoelom is the character	istic feature of the phylum:	
	A) Annelida	C) Mollusca	
	B) Nematoda	D) Echinodermata	
Q.I		om:	
	A) Nematodes to chordates	C) Molluscs to chordates	
0.0	B) Annelids to chordates	D) Cnidarians to chordates	
Q.9			
	A) Sponges	C) Hydra	
Q.10	B) Echinoderms	D) Mammals	
Q.A.	<ul> <li>Grade Radiata includes only one</li> <li>A) Porifera</li> </ul>		
	B) Platyhelminthes	C) Cnidaria	
Q.11		D) Echinodermata	
4	A) Sycon		
	B) Obelia	C) Planarian	
Q.12	Bilatoral symmetry accounts.	O) Hydra	
4.22	of	on, coelom and open circulatory system	are the feature
	A) Annelida		- vacate
	8) Arthropoda	C) Mollusca	
Q.13	The nematodes are:	D) Echinodermata	
Q1Z3			
+	A) Triploblastic	C) Pseudocoelomates	
Q.14	B) Bilaterally symmetrical	D) All the above	
Q:Z4	Haemolymph is the feature of wh	ich of the following?	
	A) Coldana	C) Aschelminthes	
	B) Platyhelminthes	D) Arthropoda	
Q.15	Bilateral symmetry is considered	to be an adaptation for	
	V) Survival	C) Nutrition	
	) Motility	D) None of these	
	rue coelom is lined by		
A	) Ectoderm	C) Endoderm	
В	) Mesoderm	D) Both 'a' & 'b'	
Q.17 T	ube within a tube plan is exhibite	ed by	
	Acoelomates	C) Coelomates	
B)	Pseudocoelomates	D) All the above	
	pelomates belong to phylum	-) All die Broke	
	The section of the se		



	a stations	
	A) Aschelminthes	C) Ponfera
		D) Cnidaria
-10	-FIOR DI ST-1	m due to splitting of mesoderm is termed as
Q.19	- FAPPIULUT-	C/ Archenteron
	B) Schizocoelous  B) Schizocoelous	D) both a and c
Q.20	which of the following statement which was a derived from the manual following statement with the following statem	
Qian	B) mesoderm is derived from the wa	Il of out
	- LAS IS DEVELOPED AS ALL DUMOU	Iching of archeterns
	Diploblastic animals belong to di	vision
Q.21	A) bilalaria	C) both a and b
	as cadiata	D) none of these
. 42	to accelomates the well develop	ed system is
Q.22	* A) transport system	C) nervous system
	A) excretory system	D) both b and c
Q.23	Which of the following phyla hav	e tripioblastic organization;
Q.a-	A) Protozo8	C) Echinodermata
	B) Coelentrata	D) All of these
Q.24	The parietal layer of mesoderm l	·
	A) Endoderm	C) Body wall
	B) Gut wall Animals included in grade bilater	D) Visceral organs
Q.25	A) Coelomates	C) Diploblastic
	B) triplobiastic	D) All of these
4 75	All animals are	-, r. i. d. d. d.
Q.26	A) autotrophs	C) uniceliular
	B) heterotrophs	D) Mollusca
Q.27	Which of the following is not inc	luded in grade bilatria
	A) cnidarians	C) annelids
	B) nematodes	D) molluscs
Q.28		nimals includes the first vertebrates to - accea, on
	Earth?	
	A) agnatha, the jawless fishes	* C) Osteichthyes, the bony fishes
	B) Chondrichthyes, the sharks	D) tunicates, the sea squirts
Q.29	Which of these does not pertain	to a protostome?
	A) spiral cleavage	C) schizocoel
	B) blasto pore—anus	D) Annelida
Q.30	Sponges belong to the phylum.	
4.50	(A) aschelminths	C) porifera
	* *	D) Mollusca
0.21	B) Arthropoda	
Q.31	Which of the following is not a p	C) Platyhelminthes
	A) Annelida	D) porifera
	B) nematode	b) pointers
Q.32		irly demonstrates the evolutionary relators7: between
	annelids and arthropods?	C) radial symmetry
	A) a complete digestive tract	
	B) an exoskeleton	D) body segments
Q.33	Reptiles are much more extensively	adapted to life on land than amphibians that reptiles
	A) have shelled eggs.	C) are endothermic
	B) have a complete digestive tract	D) go through the larva stage

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2234

Amphibians arose from Q.34

A) cartilaginous fish

C) ray finned

D) bony fishes with fungs

#1 Jawless fish

Which of these sleet not pertain to a deuterostome? Q.35

A) Blastopore is associated with the anus-

C) enterocoelom

8) spiral cleavage

D) echinoderms and chordates

Which of the following has a gestrovescular cavity? Q.36

A) sponges

C) roundworms

B) earthworms

D) flatworms

Which of the following is not a subphylum of chordata

A) hemichordate

**B**J urochordata

C) cephalochordate

D) vertebarta

### ANSWERS

1.	I A	2.	Tc	3.	В	4,	A	5.	A	6.	D	7.	0	8. 6
9.	A	10.	C	11.	A	12.	В	13.	0	14.	D	15.	B	16. B
17.	В	18.	B	19.	C	20.	d	21.	В	22.	D	23.	C	24, C
25.	C	26.	В	27.	A	28.	A	29.	В	30.	С	31,	D	32. B
33.	A	34.	D	35.	в	36.	D	37.	A	38.		39.		40.

EVU	theory of evolution is;	
	The modern theory of evolution is;	C) Darwinism
9.1	At 1 Billion	D) Manufatt
4	A) Lamarkiani B) Neo-Darwiniam B) Neo-Darwiniam B) Neo-Darwiniam	nat leads to change in frequency of alleles is;  C) Non-random matter
	The role players	C) Non-random mating
Q.2	A) Generic S	D) all about making
	B) Selection Gene pool consists of all alleles at all	gene Incl in all tasks as
	CARR DOO!	C) Clan
Q.3	A1 Family	-, -:
	6) Population 6) Population 10 man the vestigial organs are:	D) Community
	The version	C1 Manual
Q.A	AL FAC INUSCIES	C) Nictitating membrane
		D) All a, b, c
	THE DODUIGHOUSE OF THE STREET	vill only evolve into two distinct species if they a
Q.5	t (acres at the total	·
	A) Geographical isolation	C) Disruptive section
	B) Genetic isolation	D) Stabilizing select on
Q.6		made due to the use and disuse of organs would
-	A) Last only in that generation	C) last generation after generation
	en do not last at all	DIMAY he A or a
. 4	the most common form that does no	it alter allele frequency, but lessens the proportio
Q.7	of heterozygote individuals is:	the proportio
	A) Inbreeding	C) Crossbreeding
	as gandom breeding	D) Breading
Q.8	It was the geographical distribution of	of species that first suggested the idea of evolutio
Ų.U	to:	Olymphes the thea of Eadintio
	A) Charles Darwin	C) Alfred Wallace
	B) Carolus Linnaeus	D) J B Lamarck
Q.9	Jean Baptiste Lamarck published his i	theory of evolution in:
	A) 1757	C) 1809
	B) 1859	D) 1945
Q.10	Darwin is associated with	
	A) Natural selection	C) Mutation
	B) Inorganic evolution	D) All the above
Q.11	Darwin's theory, as presented in 'The	Origin of Species', mainly concerned:
	A) How new species arise	C) The origin of life
	B) How adaptations evolve	D) How extinction occurs
2.12	Charles Darwin gave the:	
	A) Theory of special creation	C) Theory of Natural selection
	B) Inheritaire dia nun sicharacters	D) Cell theory
2.13	According to Lamarck, evolution is to:	
	A) Increase in size	C) Decrease in size
	B) Decrease in complexity	D) Both 'a' & 'b'
2.14	"An organism can pass on characte	eristics that it acquired during its lifetime to it
	Ausbrind * Luiz (deg 12;	to the mediate to the
	A) Inheritance of acquired characters	C) Lamarckism
	B) Darwinism	D) Both 'a' 8 'b'
Q.15	The parts of the body used extensive	y to cope with the environment become target an
	The not use that are not use	d deteriorate was around by
	Charles Darwin	APPEN A SAME A SAME AND
Q.16	b) Carolus Linnaeus	DVIR Lamanda
4.10	Natural selection can amplify or dimin	ish only those variations that are:
	The state of the s	C) Heritable
	B) Both a & b	The second second second



## EVOLUTION

Q.17	How many species of Galapagos find	C) 7
4.4.	A) 1	D) 28
	A) 1  8) 13  Production of several different species	from a common ancestor:
Q.18	Production of several different specie	C) Vestigial structures
Q.AU	A) Natural selection	D) Adaptive radiation
	By Parallel evolution	anck of the giraffes as the of a
0.10	tamarck reasoned about the evolved	neck and higher:
Q.19	Lamarck reasoned about the evolved generations of ancestors stretching is	
	A) Combined effort	D) Cumulative product
	A) Compined Ends	of Individual species become better adapted to be
	b) Selective enorth that populations (	of Indiatonal short
Q.20	local environments through:	C) Natural selection
		D) All the above
	A) Evolution	D) All the above
	B) Inhented thatacters locividuals that	environment call support idaes to a struck
Q.21	Production of more individuals of a:	environment can support leads to a struggle
	existence among more	C) Species 3
	A) Generation	D) Community
	B) Population	
Q.22	Species are product of:	C) Populations
	A) Their parents	D) Evolution
	B) Individuals     An example of adaptive radiation wo	uld be:
Q.23	An example of adaptive the	
	A) The peppered moth	D) Darwin's finches
	B) Domestic dogs	
Q.24	Darwin gave the idea of:	C) Descent with modification
	A) Natural selection	D) Both 'a' & 'b'
	B) Special creation	rganic evolution is that every offspring
Q.25	Key point of Lamarck's view about a	· · · · · · · · · · · · · · · · · · ·
	A) Is similar to its parents     B) Inherits characters acquired by the parents	mental generation
	B) Inherits theracters acquired by the pa	
	C) Shows struggle for existence	
	D) Repeats phytogeny in its ontogeny	imption of the Hardy-Weinberg equilibrium?
Q.26	Which of the following is not an asse	C) The size of the population is large
	A) Mating occurs preferentially	D) There are no mutations
	B) There is no migration	IR) or white flowers the fraction
Q.27	In a population of red (dominant and	elB) or white flowers, the frequency of red flowers
	\$170. What is the frequency of the fi	to diffici
	A) 9%	C) 30%
0.00	B) 91%	D) 70%
Q.28	_	
	A) Random mating	C) Migration
0.20	B) Genetic drift	D) Selection
Q.29	ine mardy-weinberg law states that	t an equilibrium of allele frequencies in a gene po
	A STANSA HA STACK HA SOCK SOCKES	ing generation of a sexually reproductes account
	- mana conditions ale illet	
	A) One	C) Three
0.00	B) Five	DI Caren
Q.30	What is the frequency of the domina	nt allele is a second at
	following genatypes: 30 BB, 60 Bo, 1	19 bb?
	W) 0.2	C) 0.4
Q.31	B) 0 6	-1.0
Aral	The provide of the District the Author of	· ·
	stronger, while those that are not us  A)Charls Darwin	ed deteriorate and environment become large
	A) Charle Danwin	An acresionate Mas aloned Pai
Q.32	B)Carolus Linnaeus	C) Alfred Wallace
- Grand	A) Monkey	D)Lamarck armored that live only in America;
	P. A. TONKEY	C) We only in America;
	DI SCHOOL STATE	
	B) Armadillos	C) Humans D) Apes

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EVOLUTION the Hardy-Weinberg Principle, which expression represents the frequency of homozygous recessive genotype? C) q2 A1 P2 C) a C) 2PG and and generate variation, and produces adaptation to the

environment A) sexual recombination ---- natural selection --mutation

A) sexual recombination ---- sexual recombination

B) genetic drift--mutation ---- sexual recombination g) generic or sexual recombination -- natural election c) mutation sexual recombination -- natural election

c) mutation — natural selection----genetic drift
p) mutation is sometime.

p) mutation is sometimes described as "survival of the fittest." Which of the Natural sciences accurately measures an organism's fitness?

Q.35

A) its mutation rate B) how many fertile offspring it produces

(c) its ability to withstand environmental extremes

D) how much food it is able to make or obtain.

7he smallest biological unit that can evolve over time is

A) a specie

C) an ecosystem

C) an individual organism

D) A population

which of the following ideas is common to both Darwin's and Lamarck's theories of evolution?

A) Adaptation results from different reproductive success.

B) Evolution drives organisms to greater and greater complexity.

C) Evolutionary adaptation results from interactions between organisms and their environment.

C)The fossil record supports the view that species are fixed,

0.38 Which of the following pairs of structures is least likely to represent homology? A) the wings of a bat and the forelimbs of a human

C) the haemoglobin of a baboon and that of a gorilla ,

C) the brain of a cat and that of a dog

D) the wings of a bird and those of an insect

Q.39 All organisms share the same genetic code. This commonality is evidence that

C) convergent evolution has occurred

C) all organisms are descended from a common ancestor

D) evolution occurs gradually

#### **ANSWERS**

1.	В	2,	В	3.	В	4.	D	5.	A	-	_				
9.	C	10.		-						6.	С	7.	A	8.	В
			. A	11.	A	12,	C	13.	A	14,	D	15.	D	16.	С
17.	8	18.	C	19.	D	20.	C	21.	В	22.	D	23.	D		
25.	8	26.	A	27.	D	28.	C	29.						24.	_ D
33.	С	34,	С						В	30.	В	31.	D	32.	В
L		24.		35.	В	36.	D	37.	C	38.	D	39.	С	40.	

lute for entry tests preparation



-	re PROCESS IN Anti- utrition, passous exchange and	C) 2
Q.1	The numer of A-V valves in hu	(ian heart in a pulmonary wain drains first into the C) Right atrium  (b) Right ventricle
	R13	Con heart in a point strium
0.3	Blood returning to the manner	D) Right ventricle
Q 2	militarit attrium	O) My
	B) Left ventricle directole takes:	C) 0.89eC
0.3	B) Left ventricile Atrioventricular disetole takes:	D) 0.1 sec
-	AT EAST	
	e) 0.4 sec ECG helps to diagnose the abno	c) The conduction system of the heart
Q 4	A) The rhythmical of the heart	p) Both 'a' & 'b'
	B) Structure of the heart	
	ned being to disonose the	rmalities in:  () The conduction system of the heart
Q 5	A) The rhythmicity of the heart	D) Both 'a' & 'b'
	a) Structure of the hear!	
0.4	The pH of the blood is:	C) 7.6
QB	4 4 10	m) 2
	8) 7.4	ils are separated by junction called  C) Internodes
Q 7	In cardiac muscles successive of	C) Internodes
	A1 Samoniasmi	D) both b & C
	a) Intercalated disc	many veins collecting deoxygenated blood from
a Ç	different parts of alimentary cars	at, pass the blood to
	different parts of attmentary Care	
	A) Inferior vana cava	D) kidney
	B) right attium	w right atrium and right ventricle is
9		0/ 001111111111111111111111111111111111
	A) Tricuspid B) Bicuspid	D) None of these
	The applicate of events which take	place during the completion of one heart - beat is
	termed as	
	A) A (mai systore	C) Diastole
	3) Ventricular Systole	D) Cardiac cycle
11 1	he relaxed period of heart chamb	ers is called
	) A trial diastole	C) Diastole
В	) Ventricular diastole	D) All a, b and c
12 D	uration of one complete heart be	at is
A.	1 sec	C) 0.8 sec
	0 9 sec	D) 0.7 sec
	ino - a trial node is present at	
A)	nght atnum	C) upper end of right atrium
	left atnum	D) upper and left atrium
		e to heartbeat can be detected in
A)	Artenes	C) Capillaries
	Veins	D) All a, b and c
The	pressure within capillaries care	tes a continuous test
pla	sma into the spaces that surrous	ses a continuous leakage of fluid from the blood
	ymph	the capillaries and tissues. This fluid is know
	ntra celiular	C) Interstitial fluid
		D) All a, b and c
ALM	harge of blood from blood vesse youardial infarction	is is known as
	erebral infarction	C) Stroke
-/ -	and milateriou	D) Hemorrhage
Wist	h one le -	
ALC	th one is correct regarding elections wave represents the electrical exerts	rocardiograph (see
RIO	S complex represents perolaments	ation of the west.
C) T	S complex represents repolarisation of the	n of the ventricle
D) =	wave represents repolarisation of th	e stere
D) BY	counting the number of OPS	lexes one can determine the pulse rate
	or end comp	iexes one can determine the nulse rate
		- are policing

State	the opening between the right atricin an	C) Tricuspid valve
T.	The ad-	C) Tricuspid valve
18	hautend Agive	D) Semilunar valve
	named.  A) Bicuspid valve  A) Bicuspid valve  B) Mittal valve  B) Mittal valve  B) Mittal one of the following is a matching  B) Which one of the following is a matching  B) Mittal valve  B) Sharp closure of AV valves at the beg  Which sharp closure of Semilunar valves at the	pair.
		linning of ventricular and
	A) pictral valve  a) Hitral valve  b) Hitral valve  closure of AV valves at the beg  which one closure of AV valves at the beg  which sharp closure of Semilunar valves at the  A) Lubb sharp opening of Semilunar valves at the  A) Sudden opening of the radial artery valves in the  C) Sudden of the radial artery valves in the	e beginning of work
A 100	A PUR' ARRIBUTY	blood vessels
	() 20 miles and heatpurkinlefibres	and the second s
	B) Pulston of the Head which prevents	its conculate
	CITIES CORPUT	C) Newsconding the blood vessels is
_	The	C) Plasma
20	A) Haemban B) Thrombin B) Thrombin carry deoxygenated blood exce	D) Heparin
	a) Jing, Total GEOXARGITATION ALGOR SYCE	pt
-4	A) Pulmonary vein	C) Jugular vein
21	13 PULLITAGE	D) both - p .
	B) Umbilical vein the weight of blood in our body is about	of our body water
		C) 1 / 12th
22	. 1/10	Para A service
	β) 1/11 <sup>th</sup> Total number of semi-lunar valves in he	art is:
-9	Total Human	C) 3
23	A) 2	0) 5
	6) 4 le present:	-/-
24	A) Between right atrium & right ventricle	C) Between Land
24	A) Between right atrium & left atrium	C) Between left atrium & left ventricle
	B) Between right befound in hotween	D) Between left atrium & right ventricle
25		
43		C) Right auncle and right ventricle
	a deventingle and tert during	D) Ventricle and aorta
25	AN EPIVES UV	
26	The street the fill ferbrings trosp to the proof	C) Return the WBCs and RBCs to the lymph nodes
	of Transport CO2 to the lungs	WI I GUODULL UP IN The Best
	which one is made up or myotibrits and	myofilaments?
27	A) Epicardium	C) Myocardium
	as Endocardium	D) All of the above
**	watch one is not the membrane of the	heart?
28	A) Epicardium	C) Myocardium
	e) Endocardium	D) Pericardium
=0	What is the function of valves in the he	eart?
.29	A) They separate the two ventricles	C) They prevent blood from flowing backward
	B) They open between heartbeats	D) They help pump the blood
	we does blood so when it leaves th	e left ventricle?
.30	A) To the left atrium	C) To the right ventricle
	B) To the lungs	D) To the rest of the body
24	The state of the s	
.31	A) They have no nucleus	TO ITAL COLLEGES
	B) They carry hemoglobin	
	C) They have no organelles	
90	D) They are produced by stem cells in boni	
32		-
	A) Circulatory & immune systems	C) Circulatory & respiratory systems
	B) Respiratory & lymphatic systems	<ul><li>D) Integumentary &amp; immune systems</li></ul>
.33	the transfer of the thinks in the offi	
	A) Spleen	C) Red blood cells
	8) Lymph vessels	D) Nodes
34		s out of blood vessels into spaces between cells?
.34		s out of blood vessels into spaces between cells?  C) Interstitial fluid



# LIFE PROCESS IN ANIMAL AND PLANT (nutrition, gaseous exchange and transport)

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Q.35	What is the function of lymph	nodes?
	A) They filter nutrients out of the	lymph and send them to the cells
	B) They work with skeletal muscl	es to move the lymph
	C) They recycle old red blood call	la?
	D) They filter bacteria, viruses, for	ungl, and cell fragments out of the lymph
Q.36	Which of the following struct	the lymphatic system causes the mature
4.20	lymphocytes?	ungl, and cell fragments out of the lymph tures of the lymphatic system causes the maturation of
	A) Thymus	C) Soleen
		D) Lymph nodes
0.27	B) Tonsils	1AL
Q.37	Heart is supplied with blood v	C) Superior vena Cava
	A) Inferior vena cava	n) All the above
	B) Pulmonary vein	destroyed every second in a normal person is
Q.38	Number of RBC's formed and	C) 3 – 10 M
	A) 5 - 10 M	D) 2 - 10 M
	B) 4 - 10 M	
Q.39	Most of the plasma proteins a	C) Bone marrow
	A) Liver	p) Pancrease
	B) Lymph nodes	
Q.40	The normal pH of human bloo-	d is (C) 7.3
	A) 7. 1	D) 7.4
	B) 7.2	estatust in blood clotting process?
Q.41	Which of the following protein	act as a catalyst in blood clotting process?  C) Albumin
	A) Prothrombin	D) Both a & b
	B) Fibrinogen	a track to the blood serves as a precursor of example
Q.42	Which of the following organic	nutrient in the blood serves as a precursor of steroid
	hormone?	C) Lactic acid
	A) Phospholipid	D) Both a & b
	B) Cholesterol	D) BOUT & G G
Q.43	Which of the following is incor-	rect about "ERYTHROCYTES"?
	A) Once mature do not divide	
	B) formed in red bone marrow	
	C) Biconvex and have elastic plasm	na memorane
	D) all a, b and c	
Q.44	The valves present in the veins	are:
	A)Semi-lunar	C)Tricuspid
	B)Bicuspid	D)Aortic
Q.45	The systolic pressure in normal	Individuals is:
	A) 75-85 mm Hg	C) 110 mm Hg
	6) 80-110 mm Hg	D) 120 mm Hg
Q.46	Thrombus is a solid mass of blo	
	A) Brain	C) Blood vessel
	B) Heart	D) Ali the above
Q.47	Blood flow speed in capillaries i	s less than per second:
	A)Smm	C)1mm
	B)10mm	D)2mm
Q.48	Arteries that supply blood to he	art wall are called:
•	A) Femoral	C) Coronary
	B) Cardiac	D) Renal
Q.49	The thickest layer in the heart w	
_	A) Epicardium	C) Endocardium
	B) Pencardum	D) Myocardum





1111	tion, gaster vena cava brings blood from	n the lower regions of the body and empties in
	An 400	A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
50	the atrium  A) Left atrium  A) Left ventricle  A) the paper of the pap	D) Right ventricle
	ALLEN TO BE STEED	scles which are extensions of:
	addition and other	C) Left Atrium
51	A) Right icle	D' LEIL AGUILIGIG
	6) his	Libetances (a
	the medium which carriers dissolved a muscle to a cell in the muscle is	ubstances (e.g. glucose B) from a capillary in a
52		C) Lymph
	ALASTI M	Pa k
	A) Plastice fluid B) Tissue fluid Number of Leucocytes in a cubic millim	leter of blood to
	alumber of Leboocy	C) 7500 to 8500
53	. 7000 00	D) 7000
	A) 7000 to 8000 B) 7500 to 8000 Thickening of arteries due deposition I	s.
- 4		C) Rheumatic heart
54	A) Arterioscieros	D) Carden and
	B) Blood pressure  B) Blood pressure  All veins carries deoxygenated blood e	xcept.
55	A ALPHA LANCE TO THE STATE OF T	C) Hepatic vein
200	C/atic nortal Yell	D) Renal artery
	First heart sound is.	
56	A) Lubb sound at the beginning of ventricular	lar systole
	THE PERSON OF TH	ar systole
	asimple at the Child of Statemen	
	ALIMA ST THE DEGILITING OF TENDING	lar Systole
.=	the the function of pace maker i	
57	A) To decrease heart beat	
	as to initiate heart beat	
	es to increase heart beat	
	of to control blood supply in heart	
58	Oxygenated blood is carried by.	C) 0. 4
_	A) Pulmonary artery	C) Pulmonary vein
	B) Renal vein	D) Hepatic portal vein
59	Approximate diameter of RBC is	6) 8 11 =
	A) 7μ m	C) 9 µ m
	B) 8 µ m	D) None of these
50	A substance that inhibit blood clotting	
	A) Histamin	C) Interferon
	B) Heparin	D) Ali a, b and c
61	Colloidal osmotic pressure of the bloo	C) 0%
	A) 75%	•
	B) 25%	D) 100%
62	- 1	C) Dermis of mammalian skin
	A) Pylorus in vertebrate stomach	D) Ventucle in mammalian heart
42	8) Eye orbit of mammals	O. ACHTHE IN MOUNTAINMEN MEAN
.63	•	
	A) Muscle in upper arm  B) Value in board and surface of tooth in the	nammals
	B) Valve in heart and surface of teeth in f	
	C) Muscle in upper arm and valve in head	
.64	D) Valve in heart and bone of pelvic girdle	
-	Mature mammalian red blood cells do  A) Nucleus	C) Red color
	B) Fluids	D) Haemoglobin
65	In a porcent passes of the second second	s about by volume of blood:
	A) 50%	C) 60%
	B) 45%	D) 55%
	\$ 7 m 1/4	W/ 32.4

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233

Q	.66 Which vein has oxygenated blood?	Sand Contract
	A) Renal vent	C) Subclavian vein
	B) Pulmonary vein	D) Jugular vein
Q	.67 The average life span of red blood or	
	A) Two months	C) five months
	B) One month	D) Four months
Q	.68 The lymphatic vessels of the body er	mpty the lymph into blood as-
	A) Brie duct	D) Four months  mpty the lymph into blood stream at the
	B) Subclavian vein	D) Jugular vein
Q.	.69 Right atrium is separated from right	ventricle by:
	A) Semilunar valve	C) Thousaid valve
	8; 8-cuspid valve	D) Septum
Q.	.70 Histamine is produced by which one	of the following cells?
	A) Basophiis	C) Platelets
	B) Monocytes	O) Eosinophils
Q.	71 Which one of the following is the most	O) Eosinophils st numerous/commonest white blood cells?  C) Monocytes .  D) Lymphon commonest white blood cells?
	A) Ebsinophits	C) Monocytes . Blood Calles
	-,	D) Lyinghocytes
Q.	72 The oxygenated blood from lungs to h	neart is transported the:
	A) Pulmonary artery	C) Coronary artery
0.5	Pulmonary year  Which one of the following proteins to	D) Hepatic artery
Q.	The state of the s	ikes part in blood clotting?
	A) Pepsinogen  A) Immunostobulus	C) Fibrinogen
Q.7	The flans of triournid values are attached	D) Globutin
4.0	known as:	D) Globulin  ched to the muscular extensions of right  C) Papillary muscles
	A) Smooth muscles	Of Light Age.
	B) Intercoastal muscle	C) Papillary muscles
Q.7	5 One complete heart beat consists of or	D) Skeletal muscles ne systole and one diastole and lasts for above
	A) 0 8 sec	C) 03 and one diastole and laste far
	8) 0.4 sec	C) 02 Sec
Q.76		D) 0 5 sec
	A) AV node	C) SV rode
	B) SA node	C) SV node D) PQ node
Q.77		D) FQ node
	A) Monocytes, Eosmophis, Basophis	Ci Basoob a Man
	B) Neutrophils, Eosinophils, Basophils	C) Basoph s, Macrophages, Neutroph s
Q.78	Chordae tendineae are fibrous cords an	D) Honocytes Macrophages, Basophis
	ny Cardiac end of Stomach valve	C) Tricuspio valve of heart
	B) Pylone sphineter of stomach	D) Soul a
Q.79	Bicuspid valve controls the flow of bloo	d from:
	A) Right athum to right ventrice	
0.00	B) Left ventricle to aprta	C) Right ventrice to pulmonary artery
Q.80	Condition which leads to heart attack:	D) Left atrum to eft ventrole
	A) Arteriosclerosis	C) Atherosclerosis
	8) Hypertension	DI DI
Q.81	The rhythmic beating of cardiac muscle	in the mammalian heart is initiated by the
	_	B) nathanan neart is initiated by the
	C) Purkinje tissue	B) parasympathetic nervous system
Q.82		D) sino-atrial node
	structures:	of the heart, passes by or through the follows
	A) atrioventricular valve	
	B) right atrium	C) semilunar valve
		D) right ventricle
	S. Pulmonary trunk	



off process IN ANIMAL AND PLANT off processes exchange and transport) tion, gase

In which order will the red blood cell passes the structures? GRIP ENTRY TEST BOOK SERIES 12,000+ Question Bank 5  $\rightarrow$  5 c) 3 →3 what produces systolic blood pressure? A) contraction of the right atrium C) contraction of the left atrium B) contraction of the right ventricle Human heart is D) contraction of the left ventricle Q.85 A) myogenic B) neurogenic C) cardiogenic Typical lub-dub sounds heard in heart in heartbeat are due to B) closing of semilunar valves c) blood under pressure through aorta. c) closure of bicuspid —tricuspid valves followed by semilunar valves. Blouspid valve connects A) left atrium and left ventricle C) right atrium and left ventricle B) left atrium and right ventricle D) right atrium and right ventricle Pacemaker is situated in heart A) in the wall of right atrium C) on interventricular septum B) on interauricular septum D) in the wall of left atrium g.89 Lymph returns to blood A) oxygen C) interstitial fluid B) carbon dioxide D) white blood cells Q.90 Lymph most closely resembles which of the following? A) blood C) water B) urine D) interstitial flu Q.91 Which of these factors has little effect on blood flow in arteries? A) total cross sectional area of vessels C) skeletal muscle contraction B) blood pressure D) heartbeat Q.92 The Sino Atrial node (SA node) A) regulates the rhythm of contraction C) regulates the rate of contraction B) is also called AV node D) is also called bundle of His

### **ANSWERS**

1.	С	2,	A	3.	В	4.	D	5.	D	6.	В	7.	В	8.	С
9,	Α	10.	D	11.	C	12.	С	13.	¢	14.	A	15.	С	16.	D
17.	D	18.	Č	19.	С	20.	A	21.	D	22.	С	23.	A	24.	С
25.	C	26.	A	27.	С	28.	D	29.	С	30.	D	31.	С	32.	A
33.	¢	34.	C	35.	0	36.	A	37.	D	38.	D	39.	A	40.	D
41.	Α	42.	В	43.	C	44.	A	45.	С	46.	D	47.	С	48.	С
49.	D	50.	C			52.	B	53.	A	54.	D	55.	A	56.	A
57.	В			51.	C			1	C	62.	D	63.	В	64.	A
65.		58.	C	59.	6	60.	В	61.		70.	A	71.	В	72.	В
The same	D	66.	В	67.	D	68.	В	69.	C			79.	D	80.	С
73.	C	74.	С	75.	A	76.	В	77.	В	78.	C		A	88.	
81.	D						D	85.	D	86.	A	87.		96.	
89.		82.		83.	D	84.				94.		95.		30.	
-		90.	D	91.		92.		93.							

THE PARATION THE THE PARATION THE TESTS PREPARATION

233

Q.1	Movement of water molecules from th	e region of high water potential the region to low
A.v	Water potential is known as	C) Facilitated Diffusion
	A) Osmosis	D) Active transport
	R) Diffusion	
Q.2	Stomata are more widely open in-	C) Blue light
412	A) Green light	D) far red light
	B) Vallow light	Too times by
Q.3	B) Yellow light The volume of dry seed may increase	C) Osmosis
4.0	A) Diffusion	D) Active transport
Q.4	B) Imbibition is incorrect about guard	Cella
4.4	A) Have chloroplast	
	nt many channel	
	C) Connect to sounding cells by plasmode:	smata
	- a de de santhé	
Q.5	Daily rhythmic opening and closing of	C) External clock
-	A) Internal clock	D) none
	B) Both & B b	D) Here
Q.6	The shrinkage of protoplasm of a cell	C) Incipient plasmolysis
	A) Deplasmolysis	D) Plasmolysis
Q.7	· · · · · · · · · · · · · · · · · · ·	C) Active transport
4	A) imbibitions theory	D) Transpiration pull
	B) Mass flow hypothesis	O) Italishiprou bar
Q.8	Roots heir are extensions of	C) Cortex
	A) Epidermis	D) None of these
	B) Both a and b	D) None of these
Q.9		C) Cuttation
	A) Imbibition	C) Guttation
	B) bleeding	D) Transpiration
Q.10	The surface are provided by roots hair	'8 IS 3DOUL
	A) 57%	C) 77%
	B) 67%	D) 100%
Q.11	Which of the following factor is not in	volved in determining the rate of absorption of each
	mineral by roots?	
	A) its concentration both inside and outsid	
	B) the ease with which it can passively per	netrate cen memorane
	C) extent of active absorption	
	D) None of these	
Q.12	Temperature causes closure of stomat	
	A) 30-40 °C	C) 30-35 °C
	B) 25-35 °C	D) 40-45 °C
Q.13		
	A) Epidermis	C) Endodermis
	B) Cortex	D) Pericycle
Q.14		Leaves involves the phenomenon
	A) Imbibition	C) Bleeding
	B) Guttation	D) Transpiration pull
Q.15	Magnesium is an important nutrient io	on in green plants, as it is an essential component
	Of .	
	A) Chlorophyll	C) Protein
	B) Cell sap	D) Glucore
Q.16	The stomata are closed at temperature	e (in centigrade)
	A) 15°L	C) 25°C
	B) 35°C .	D) 459C
Q.17	The state of the curoup	xylem is
	A) Ascent of sap	C) Plasmolysis
		-7 - 40/110/13/3



ant A	NIMAL AND PLANT exchange and transport	
CESS IN A	exchange and transport	١
agous -conus	SYCHARA	4

# GRIP ENTRY YEST BOOK SERIES

.6	PROC daseous excens	12,000+ Question Bank
LIFE	proc gaseous excession, gaseous excession, gaseous excession of chlorophyll is replaced pagesium of chlorophyll is replaced	D) Deplasmolysis
(111)	B) Guttatum of chlorophyll is replaced	in hemoglobia by
_	a4.29***	C) Phosphorous
0.18	A) Calcium  B) Potassium  Casparian strips are present in  Casparian strips  A) Epidermis	D) Iron
_	B) Potassium etrips are present in	
	Casparian sale	C) Endodermis
0.19	Caspatranis A) Epidermis	(N) Bestevet
_	- College - Handley etatement la ou	N
	which we collular coaco in	of CASPARIAN STRIPS?
Q.20	Separates the extra cellular space in mo	to an har to
•	A) Separates the intracellular space in roo B) Separates the intracellular space in roo	into two compartment
	C) Both a & C D) Both a & C	
	antocess .	om the tip of uninjured leaf is called.
$Q_{1}^{21}$	A) Guttation	C) Transpiration
•	P/ Tarantion	D) Evang-transport
		om other epidermal cells in baulas
Q.22	A) endoplasmic reticulum	C) Chloroplasts
4.		D) Mitochondria
	B) Cytoskeleton Guttation is the result of.	-) / Mocholigita
Q.23	Guttation	C) Transmitted
Min.	D   D(I) =	C) Transpiration
	B) Osmosis	D) Root pressure
Q.24	All the following involves asmosis exc	.ept.
Q.w.	A) Water from the soil entering root hair	
	as water passing from a root hair to adjac	cent cells
	of thater passing up a xylein vessel elemi	ent to xylem vessel element above it
	D) Water entering a mesophyll cell from t	he xylem vessel element
Q.25	in leaves through which wa	iter comes out in the form of drops or droplets ar
Q.25	called.	
	A) Bordered pits	C) Hydathodes
	B) Stomata	D) tenticels
	ioo and closing of stomata to	akes place due to.
Q.26	A) Effect of hormones	
	B) Pressure of gases inside the leaf	
	C) Genetic constitution	
	D) Changes in the turgor pressure in guar	rd cods
	and a second authorized plants can	4 6613
Q.27		
	A) Excrete the salt	C) compensate the loss of water
	B) Remove excess water	D) Reduce temperature effect
Q.28	Guttation takes place through.	
	A) Wounds	C) Lenticels
	B) Hydathodes	D) Stomata
Q.29	The shade of a tree is cooler than the	shade of a roof due to.
Q.29		shade of a roof due to.  C) Guttation
Q.29	A) Transpiration	C) Guttation
	A) Transpiration  B) Photosynthesis	C) Guttation D) Green leaves
	A) Transpiration B) Photosynthesis Gaseous exchange in submerged hyd	C) Guttation D) Green leaves rophytes takes place through.
	A) Transpiration B) Photosynthesis Gaseous exchange in submerged hydr A) Stomata	C) Guttation D) Green leaves rophytes takes place through. C) Lenticels
Q.30	A) Transpiration B) Photosynthesis Gaseous exchange in submerged hydr A) Stomata B) General surface	C) Guttation D) Green leaves rophytes takes place through. C) Lenticels D) None
Q.30	A) Transpiration B) Photosynthesis Gaseous exchange in submerged hydr A) Stomata B) General surface Movement of water and solutes is neg	C) Guttation D) Green leaves rophytes takes place through. C) Lenticels D) None
Q.30	A) Transpiration B) Photosynthesis Gaseous exchange in submerged hydr A) Stomata B) General surface Movement of water and solutes is neg A) Symplast pathway	C) Guttation D) Green leaves rophytes takes place through. C) Lenticels D) None gligible along the C) Vacular pathway
Q.30 Q.31	A) Transpiration B) Photosynthesis Gaseous exchange in submerged hyde A) Stomata B) General surface Movement of water and solutes is need A) Symplast pathway B) Apoplast pathway	C) Guttation D) Green leaves rophytes takes place through. C) Lenticels D) None gligible along the C) Vacular pathway D) Both b & c
Q.30 Q.31	A) Transpiration B) Photosynthesis Gaseous exchange in submerged hyde A) Stomata B) General surface Movement of water and solutes is need A) Symplast pathway B) Apoplast pathway	C) Guttation D) Green leaves rophytes takes place through. C) Lenticels D) None gligible along the C) Vacular pathway D) Both b & c
Q.30 Q.31 Q.32	A) Transpiration B) Photosynthesis Gaseous exchange in submerged hydr A) Stomata B) General surface Movement of water and solutes is neg A) Symplast pathway	C) Guttation D) Green leaves rophytes takes place through. C) Lenticels D) None gligible along the C) Vacular pathway D) Both b & c



# LIFE PROCESS IN ANIMAL AND PLANT (nutrition, gaseous exchange and transport)

12,000+ Question Beat

## ANSWERS

							-	5.	A	6.	0	7.	6	-,
1.	A	2.	С	3.	В	41			40			delenant description		4
		40	8	11.	D	12.	D	13.	C	24.	B	15.	A	10,
9,		10.	D					21.	A	22.	A	23.	D	- 0
17.	A	18.	D	19.	С	20.								24.
1		26	D	27.	8	28.	В	29.	A	30.	В	31,	С	32.
25.	C	26.											-	8

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The same		
	Plasma cells are	Chr. w.
0.1		C) B cells that are actively secreting antibody
	A GOOD DIGGING	D) inactive T cells carried in the plasma
	ALAS COMIDITED TO SECURE	
Q.2	at at variable regions	C) only if macrophages are present
	B) at constant region	D) both A and C are correct
Q.3	In addition to the intimute system, we A) normal body temperature	C) antigens
	B) hormones	D) mucous membrane and cilia
Q.4	Fever	
	B) decrease the concentration of iron in th	e blood
	C) decrease the activity of phagocytes	
	n) decrease the inflammation	
	T and B cells are	
Q.5	A) lymphocytes	C) natural killer cells
	B) macrophages	D) red blood cells
Q.6	When B-cells are presented with anti-	jen they differentiate into
Q.o	A) T-cells	C) plasma cells
	a) helper T-cells	D) bursa cells
Q.7	When one receives a booster shot for A) killer T-cells	pollo which type of cell is most dire stimulated?  C) phagocytes
	B) memory cells	D) suppressor cells

### **ANSWERS**

						_						_	
1.	C	2.	A	3.	D	4.	Α	5.	Α	6.	В	7.	В

	HCI in gastric juice is secreted by wh	ich one of the following cells?
Q.1	HCI in gastric juice is secreted by Wi	C) Mucous cells
	A) Chief Cells	D) Kupffer cells
	B) Oxyntic cells	D) III
Q.2	The lymph vessel of vilil is called:	C) Adenoids
	A) Epithelium	D) Lacteal
	B) Afferent lymph vessel	<i>U</i> ) ==
Q.3	Oxyntic cells in stomach produce:	C) Gastrin
	A) Pepsin	MCI
	B) Pepsinogen	
Q.4	The hormone which inhibits the secr	C. ThurnXIII
	A) Secretin	D) Parathormone
	B) Gastrin	
Q.5	Trypsinogen is activated to trypsin b	C) Mucus
	A) HCI	D) Gastrin
	B) Enterokinase	
Q.6	The emulsification of fats is the role	c) Gastrin
	A) Saliva	**
	B) Pancreatic juice	oral cavity due to the action of enzyme present in
Q.7		
	saliva:	C) Fatty Acids
	A) Starch	ny polypeptides
	B) Cellulose Which of the following enzyme is rel	eased in an inactive form?
Q.8	Which of the following enzyme is	
	A) Amylase	D) Pepsin
	b) Lipase	stimulate the secretion of pancreatic juice from
Q.9	pancreas in liver?	
	A) Secretin	C) Gastrin
		D) Both gastrin & secretin
Q.10		by the activity of
414	A) Symbiotic bacteria	4
		D) Facultative bacteria
Q.1	- was affood which str	ucture croses nasar opening:
	A) Hard palate	L) thigherus
	B) Soft palate	D) Laryox
Q.1	2 The muscles of the stomach walls the	proughly mix up the food with gastric juices and the
	resulting semi-solid/semi-liquid mate	enal is called:
	A) Bolus	C) Mucus
	8) Bolus or chime	D) Chyme
Q.1:		
	A) Gobiet cells	C) Enterokinase
0.14	B) Absorptive cells	D) Peptidase
Q.14		•
	A) Symbiotic bacteria     B) Obligate parasite	C) Paras tic bacteria
Q.15		(d)Facultative bacteria
dir.	A) HCI	
	B) Mucus	C) Enzymes
Q.16		D) Amylase
	A) Vitamin D	s produced by microflora of large intestine?
	B) Vitamin K	C) Vitamin C
Q.17	I	D) Vitamin A
-	by the Balance of the second Control of the	by enterokinase/enteropeptidase enzyme secreted
	PY UNE HITHER BY BUILDAGE COMME	
	-) the many of phoneunul:	
	A) Trypsinogen, trypsin	C) Pepsinogen, Trypsin
Q.18	A) Trypsinogen, trypsin     B) Pepsinogen, pepsin	
Q.18	A) Trypsinogen, trypsin B) Pepsinogen, pepsin Which of the following are absorbed in	Chymotrypsinogen, chymotrypsin     the large intestine?
	A) Trypsinogen, trypsin     B) Pepsinogen, pepsin	



DIGES	Saliva is basically composed or water,	mucus, amylase and:
-	CHILD WAS DAINE	C) Sodium bicarbonate
0.19	A) Sodium in Sod	D) Sodium chloride
G.	al Hydroca escherichia coli is invoived	in the formation of:
		C) Vitamin A
Q.10	In Calcium	D) Vitamin K
	At Vita tion of the large inter	stine?
	that I The section	
Q.21	TARVITTE A seller to the head.	* - d
	To leave out of the disect	ive system
	(1) To the and salts to sold waste	
	C) To transfer nutrients out of the digest D) To add water and salts to solid waste Which of the following structure has	NO secretion in the diamet
	and of the	C) Tongue
Q.22	al Fancress	D) Teeth
	B) Stomach	D) Tegal
	And IS CONTACTOR	C) Cool and a
Q.23	A) SCOMACI	C) Oral cavity
	8) Rectum	D) Appendix
-4	- selets of the deaders	Journal bitts the Hettin:
Q.24	A) Small intestine	c) cecum
	and the second s	D) Vermiform appendix
46	the last and longest portion of the si	nali intestine where most absorption takes place:
Q.25	A) Duodenum	C) tieam
	as Jatubulii	D) Caecum
. 15	eastric Juice Constants.	
Q.26	a) Pepsinogen, Mul	C) Pepsin, Renin
	noncin, Trypsin	D) Renin, Trypsin
- 27	Appendix is attached to:	
Q.27	A) Caecum	C) Rectum
	s) Colon	D) Duodenum
Q.28	secrete mucus to protect	the lining of the small intestine from stomach acid:
Q.AD	A) Zymogen cells	C) Panetal cells
	ny Gobiet CEIS	D) Oxyntic ceils
Q.29	Emulsification of fat is carried out by	7
Quan	A) Bile pigments	C) HCI
	nt Rile calls	D) Pancreatic juice
Q.30	Pancreatic juice and hormones of pa	ncreas are produced by:
Q.o.	A) Same cells	C) Statement is wrong
	or come cells at different times	D) Different cesis
Q.31	what happens if excess glucose is al	bsorbed from the small intestine?
Q.D.	A) The liver removes it from the blood a	ind stores it as glycogen
	B) Enzymes break 1 30 in so flome, sta	sis kima ntained
	C) It is converted to starch and stored i	n body cells
	DV this converted to carbon dioxide and	water in the blood
Q.32	One of the digestive juices that lacks	s enzymes but aids in digestion is:
4.0-	A) Ble	C) Chi e
	B) Chyme	D) Pancreatic Juice
Q.33	A lubricant, mucin in saliva is made	up of:
4	A) Phospholipids	C) Glycoproteins
	B) Debuggaturated fats	D) Glycolipids
Q.34		nd which remain undigested is
2100	A) Proteins	C) Fats
	B) Carbohydrates	D) All of these
Q.35		
4.22	A) Rectum	C) Oral cavity
	B) Stomach	D) Small intestine



### DIGESTIVE SYSTEM

	to called	and a supported to
Q.36	Zymogen cells are also called	C) Oxyntic cells
	A) Panetal (845	D) Mucous cells
	B) Chief cells	lated by:
Q.37	B) Chief cells Release of pancreatic juice is stimu	C) Tripsinogen
	A) Enterokinase	D) Gastini
	B) Secretion What is common among amylase, re	ennin and trypsin r
Q.38	What is common among strongch	C) These all are proteins
	A) These are produced with	D) Tuese an and hingsonlync sustaines
	These act at a pH lower than 7     Protection and lubrication of stomas	ch (Ining is by:
Q.39	Protection and touriests	C) Food
	A) Pepsin	D) Mucous
	The function of Gobiet cells is to sec	rete:
Q.40	The function of district	
	A) Gastrin     B) Hydrochloric acid	D) Mucus
	B) Hydrochloric acid  Gastric glands are composed of type	s of cells:
Q.41	A) Two	
		D) Five
Q.42	6) Three Food enters from stomach into small	C) Semilunar valve
Q.va	A) Pylone Sphineter	D) Diaphragm
		- tend which produce hydrochings acts.
Q.43	are the part of a gastri	c gland which produce hydrochloric acid: C) Chief Ceils
4	A) Parietal Cells	D) Zymogen Cells
	B) Goblet Cells	sted by the enzymatic secretion of:
Q.44	Protein components of food are dige	sted by the enzymatic secretion of: C) Zymogen Cells
	A) Gobiet Cells	D) Oxyntic Cells
	B) Panetal Cells	layers, the innermost is known as:
Q.45		C) Muscularis
	A) Submucosa	D) Serosa
	B) Mucosii Pepsin hydrolyzes proteins to yleid	
		C) Amino acids
	A) Peptones  B) Polypeptides	D) Both 'a' & 'b'
	Duodenum is about long	
40.00	A) 20-22 cm	C) 20-25 cm
	3) 15-25 cm	D) 15-22 cm
Q.48	psinogen is activated to pepsin by	
-	A) active secretin	C) active pepsin and HCI
	3) hydrochloric acid	D) gastrin
		-,0
	iver secretes bile into the	C) jejunum
	i) duodenum	
	) ileum	D) peritoneum
).50 E	mulsification of fat will not occur in	the absence of
A)	lipase	C) bile sat
81	bile pigment	D) pancreatic juice
	tty acids and glycerol are first abso	
	lymph vessel	C) blood capillaries
	VIIII	D) hepatic portal vein
		ing secretion of hydrochloroic acid bti stomad
	lis is	
A)	pepsin	C) gastrin
B)	secretin	D) insulin



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DIGESTIVE SYSTEM Q.53 trypsinogen is changed to trypsin by Stenterok nase

C) secretin

D) hydrochloric acid

#### **ANSWERS**

	D	3	d	4.	I A	5	Тв
B 2	а	_8.	d	9.	a	10.	B
1 0 13	C	13.	A	14	В		В
6 0 12	С	18.	C	19	D	15.	B
11 1 1/1	A	23	C	24		20.	0
16 D 22	Б	28	В	29.	D	25.	<u></u>
21 A 27	C	33.	C	34	-	30.	B
26 A 32.	С	38	D	39	0	35.	0
33	A	43.	C	44	В	40.	D
36 A 42	C	48	Α	49	0	45.	-
±1 D 4/.	В			44		50	A
35 C 52.							



_	- HaO The P	eaction at part of Cabin'
	H2CO1-> CO2 4 112	eaction shown above occurs in the Capital
Q.I		. — 1—10 A 3 PW E 2 F 1 F 1 F 1
	the:	and to which blood flows diag
	Which of the following are the only very which of the following are the only very respiratory organs without first returning the Americans	tebrates in heart?
	b) state of the following are the returns	ng to the near the
Q.2		
	respiratory	D) Mammaio
	A) Amphibians  B) Fishes  Which of the following occurs with the which of the following occurs with the	exhalation of air from numan lungs?
	B) Fishes following occurs with	ses.
Q.3	which of the following occurs with decrea.  A) The volume of the thoracic cavity decrea.	
_	A) The volume of contracts.	
	二、 中国人 产证的工程编辑155 TT	
	C) The epiglottis closes.	end:
	D) The no cage at the blood is transpor	C) In the Oz-binding site of hemoglobin
Q.4	start of the CUI in the miserial	D) As bicarbonate ions
4.	Most of the CO <sub>2</sub> in the plasma  A) As a gas dissolved in the plasma  B) As undissociated carbonic and (H <sub>2</sub> CO <sub>2</sub> )  When carbon dioxide pressure is increased.	the capacity to hemoglobin is
	B) As undissociated to oceasure is increa	Sed the corease many folds
Q.5	When carbon diaxine pro-	D) is doubled
4.5	A) decrease  B) remain constant  Exchange of gases during organismic re  Exchange of gases during organismic re  Output  Description of gases during organism	D) is followed out only by?
	g) remain constant	spiration is carried
Q.6	Exchange of gases during	C) D MASION
Q.v	A) Osmosis	D) Vaponzation
	a) Evaporation	carrying capacity opto
Q.7	A) Osmosis  Evaporation  Memoglobin in man increase the oxygen	C) 50 times
Q.r	A) 75 bimes	p) 100 times
	B) 60 times	ich cell utilizes Oxygen to produce?
Q.\$	A) 75 times     B) 60 times     Cellular respiration is the process in white	C) Carbon monoxide
Q.P	#1 Guense	D) Proteins
	6) Carbon dioxide Which of the following have higher cont	ent of Oxygen?
Q.9	which of the following have myner com-	C) SO,
Q.v	A) Water	D) CO2
	-	*
0.10	A L AN AR WAITE DOX 13 BINDLING	C) Oral cavity
Q.10	A) PISITYBX	n) Trachea
	B) Larynx Membrane, which covers the lungs and r	adves the friction, is called
	Membrane, which covers the lungs and r	C) Pulmonary membrane
Q.11	A) Mesentery	D) Pericardium
	R) Dieusti	D) Pencarcioni
	the diameter of the second	C) Contracts and goes downward
Q.12	A) Contracts and rises	C) Contracts and Stee downward
	e) Delayes and rises	D) Relaxes and goes downward
	plant contains oxygen per 100 ml	of blood when hemoglobin is 98% saturated
2.13	AL 17.6 ml	-4
	A) 17.6 ml	D) 16.6 ml
	B) 19.6 ml	
.14		C) Trachea
	A) Bronchus	D) Nose
	B) Voice box When blood leaves the capillary bed mos	et of carbon dioxide is in the form of
.15	When blood leaves the capitlary bed mos	C) Bicarbonate ion
	A) Carbonaté ion	D) All of these
	B) Carbonic acid	e are called broughtoles:
.16	Bronchi with a diameter of or les	C) 10
	A) 5 mm	C) 10 mm
	8) 2 mm	D) 1 mm
.17		ngle layered structures called.
	A) Bronchi	C) Paradronichi
	B) Alveoli	D) None of these





GRIP ENTRY YEST BOOK Sta

	Q.34	The nose serves all the	e following functions of Co.	he miliate of the
		A) As a passageway for a	or movement	he initiator of the cough forter
		the streament and burnelife	# 17.7 P	
	Q.35	The critical first event	In human Inspiration	ration of the disphragm incide
		A) Collapse of the alveolt	D) Cont	cation of the disphragm indicin cation of the disphragm indicin cat repording to ocheas
		(B) Marchael Constriction (	of the Windpipe	at tenarding to an in the
	Q.36	Which one of the follow	ving statement is not corre	Cucumba mich
		A) If is pails hes posterior	to the muscular exophagits	n the trace.
		B) It splits into the right a	ruq jeti proticui ro ambibit un c	a trac diriga
		C) Opening to the traches	is covered by chillipring	
		D) Tractical rings are C-sh	aped	of Harrison town
	Q.37	Opening to the trachea	is covered by a small dap o	transfer termed as the
		A) Glottin	C) Trach	
		B) Epiglottis	(2) Laryn	A
- 5	Q.38	What is another name for	or the windpipe?	
		A) Lungs	C) Laryns	
		B) Trachea	(D) Desap	inagus
Q	2.39	The following structures	are found in the walls of the	ne gas exchange system
		i. Capillaries II. Cilia	III. Etastic Abres	ly. Gobiet cells
		v. Smooth muscle cells		
	1	Which would be found in	the lining of an alveolus?	
		A) r Billin	C) 1, 11 & 11	
	_	1) n & v	D) IV 8 V	
Q.		artilage is found in which		
	A	) Alveolus	C) Bronchi	
_	В	) Capillary	D) frachea	
Q.	41 V	thich of the following is:	not a role of clastic fibres i	n the gas exchange system?
				xpiration "Figure 7"
			he alveoli during expiration	
	C)	Stretch to accommodate n	more air in the alveoli during o	feep breathing
	D)	Stretch to increase the sui	rface area of the alveon for ga	is exchange
Q.4	12 W	hich of the following bes	it describes the process of	gas exchange in the lungs?
	A)	Air moves in and out of the	alveoli during breathing	a m the intigs?
	8)	Carbon dioxide diffuses froi	in deaxygenated blood in cap	danes into the algorithm
	C}	Oxygen and carbon dioxide	diffuse down their concentra	tion gradients between blood and
	alv	eolar air		blood and
	131	Decrease the state of the common for more and the com-	4.	
Q.43	3 Wh	ich of the following subs	tances in tobacco smoke o	lamage the gas exchange system where it does not be
	A) (	arbon monoxide and care r	nogers C) Cartagorie	entexide tild of no
	200	arcinogens and tar		
Q.44		and and also rea	D1 Nicotose	2(1)
	Non	-smokers can force out :	about Of as after	200
	Non A) 4	rsmokers can force out :	about of air after	200
	Non A) 4 B) 1.	rsmokers can force out : dm <sup>1</sup> .5 dm <sup>1</sup>	about of air after C) ≥ din*	er taking a deep breath:
).45	A) 4 B) 1. If yo	r-smokers can force out :  dm <sup>1</sup> .5 dm <sup>1</sup> ou hold your breath for a	of air after C) 2 dm <sup>2</sup>	er taking a deep breath:
).45	A) 4 B) 1. If yo	r-smokers can force out :  dm <sup>1</sup> .5 dm <sup>1</sup> ou hold your breath for a	of air after C) 2 dm <sup>2</sup>	and tar er taking a deep breath: Is are likely to
2.45	Non A) 4 B) 1. If yo the s	r-smokers can force out :  dm <sup>1</sup> .5 dm <sup>1</sup> ou hold your breath for a off of body fluids is likely	b) Nicotine a  about of or after  C) 2 din <sup>2</sup> D) 0.5 din <sup>3</sup> I long time, body CO <sub>2</sub> leve  / to	and tar et taking a deep breath: Is are likely toan
2.45	A) 4 B) 1. If you the p A) Inc B) Inc	r-smokers can force out a dm <sup>1</sup> .5 dm <sup>1</sup> ou hold your breath for a oH of body fluids is likely crease; increase crease; decrease	bout of air after C) 2 din-1  long time, body CO2 lever to C) Decrease;	and tar or taking a deep breath:  Is are likely toan
	A) 4 B) 1. If you the p A) Inc B) Inc	r-smokers can force out a dm <sup>1</sup> .5 dm <sup>1</sup> ou hold your breath for a oH of body fluids is likely crease; increase crease; decrease	bout of air after C) 2 din-1  long time, body CO2 lever to C) Decrease;	and tar or taking a deep breath:  Is are likely toan
	A) 4 B) 1. If you the s A) Inc B) Inc	rease; decrease  you take a door breath  you take a door breath	bout of air after C) 2 din-  C) 2 din- D) 0.5 din- I long time, body CO2 leve to C) Decrease; D) Decrease,	and tar or taking a deep breath:  Is are likely toand Increase
.46	A) 4 B) 1. If you the p A) Inc B) Inc When A) Siv	rease; decrease  you take a deep breath  a lowing a ripresser to	c) Alcotine a  about of air after  C) 2 din- D) 0.5 din- I long time, body CO2 leve  to C) Decrease; D) Decrease; L, your stomach moves out	Increase
.46	Non A) 4 B) 1. If you the p A) Inc B) Inc When A) Siv B) You	rease; decrease  you take a deep breath a lowing a rincreases the versions of the second control of the second	c) Alcotine about of air after C) 2 din- D) 0.5 din- I long time, body CO2 leve to C) Decrease; D) Decrease; Lyour stomach moves out	Is are likely toand the part taking a deep breath:
.46	A) 4 B) 1. If you the p A) Inc B) Inc When A) Siv. B) You	rease; decrease  you take a deep breath a lowing a r increases the your chest carety to	c) Alcotine about of air after C) 2 din- D) 0.5 din- I long time, body CO2 leve to C) Decrease; D) Decrease; D) Decrease; U) Decrease; U) Out stomach moves out to the thoracic cavity and when you take a deep	increase the because:
.46	A) 4 B) 1. If you the p A) Inc B) Inc When A) Siv. B) You	rease; decrease  you take a deep breath a lowing a r increases the your chest carety to	c) Alcotine about of air after C) 2 din- D) 0.5 din- I long time, body CO2 leve to C) Decrease; D) Decrease; D) Decrease; U) Decrease; U) Out stomach moves out to the thoracic cavity and when you take a deep	Is are likely toand increase  the because:
.46	Non A) 4 B) 1. If yo the p A) Inc B) Inc When A) Siv B) You of C) Con your lu	rease; morease in you take a deep breath a lowing a rincreases the variations of the state of th	C) Decrease; D) D)	Is are likely toand the yoursey
.46	Non A) 4 B) 1. If yo the p A) Inc B) Inc When A) Siv B) You of C) Con your lu D) Whe	rease; decrease if you take a deep breath a lowing a r increases the viriation of the stormach shouldn't move your chest cavity to increase the viriating your abdominal mage.	c) Alcotine a  c) 2 din- D) 0.5 din- D) 0.5 din- I long time, body CO2 leve to	increase the taking a deep breath:  Is are likely to
.46	Non A) 4 B) 1. If yo the p A) Inc B) Inc When A) Siv B) You of C) Con your lu D) Whe	rease; decrease if you take a deep breath a lowing a r increases the viriation of the stormach shouldn't move your chest cavity to increase the viriating your abdominal mage.	c) Alcotine a  c) 2 din- D) 0.5 din- D) 0.5 din- I long time, body CO2 leve to	increase the because:  b eath because:  y out, generating negative pressure
17	Non A) 4 B) 1. If yo the p A) Inc B) Inc When A) Siv C) Con your lu D) Whe The no	resmokers can force out a dm <sup>3</sup> so dm <sup>3</sup> ou hold your breath for a pH of body fluids is likely crease; increase crease; decrease a you take a deep breath a lowing a r increases the var stomach shouldn't move your chest cavity to increase tracting your abdominal mags in your draphragm contractions of the pharyna, and associated pharyna, and	c) Alcotine a control of air after C) 2 ding D) 0.5 ding long time, body CO2 lever to	is are likely to
.46	Non A) 4 B) 1. If yo the p A) Inc B) Inc When A) Siv C) Con your lu D) Whe The no	resmokers can force out a dm <sup>3</sup> so dm <sup>3</sup> ou hold your breath for a pH of body fluids is likely crease; increase crease; decrease a you take a deep breath a lowing a r increases the var stomach shouldn't move your chest cavity to increase tracting your abdominal mags in your draphragm contractions of the pharyna, and associated pharyna, and	c) Alcotine a control of air after C) 2 ding D) 0.5 ding long time, body CO2 lever to	Is are likely toand increase the react the cause:  b eath because:  you want the volume y rout, generating negative pressure your abdominal cavity out rt of the:
.46	Non A) 4 B) 1. If yo the p A) Inc B) Inc When A) Siv C) Con your lu D) Whe The no	rease; decrease if you take a deep breath a lowing a r increases the viriation of the stormach shouldn't move your chest cavity to increase the viriating your abdominal mage.	c) Alcotine a  c) 2 din- D) 0.5 din- D) 0.5 din- I long time, body CO2 leve to	increase the taking a deep breath:  Is are likely to  Increase the rease the rease the cause:  b eath because:  y  out, generating negative pressure your abdominal cavity out rt of the:

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4		12,000+ Question Bank
	when you inhale?	
	when Junes increases, inci	reasing the air pressure
.5	when you inhale?  increases, increa	reasing the air pressure
8	voking of the lung and moves dov	voward
10	plane volume of the latters and moves done at the volume of the latters and moves done at the volume of the latters and moves done at the daphragen relaxes and rises	
M	AL 1 AND 1 A	ng canillacies I-
	c) the diaphrager dioxids pressure in the to- c) the diaphrager alveolar air the carbon that in alveolar air at less that that in alveolar air at less that that in alveolar air	Charles IS.
	of the hon flowing alveolar all	C) more than that in alvegiar au
	tale (and that shooter all	aginous rings are
.0	the carbon divide alveolar are the cartife that in alveolar are alveolar are alveolar are alveolar are the cartife that in alveolar are the cartife the respiratory tubes devold of cartife the respiratory tubes devold of cartife the carbon has been access by who	aginous rings are.
¢.10	and areatory tubes	C) bronch
	b) Cashill	D) none of these
4	In transhibles  It transhibles	Ich.
0.50	rische respiration is a process by with translates are synthesised as the lungs the diaphra	
	the respirator are synthesised	C) proteins are broken down
	rische respirates are synthesised  A) carbobydrates are metabolised  A) fot molecules are metabolised  B) fot molecules are metabolised  To take air into the lungs the diaphra  To take air into the lungs the diaphra	D) energy is tiberated
0.51	A) conclecules the lungs the diaphra	igm must be.
-	William The Miles Anna	C) oblique
	ma Lamber	D) normal
0.52	Al done	O) normal noglobin because of its dissociation caused by.  C) high CO <sub>2</sub> concentration
•	ATTENDED TO A TOTAL OF THE PARTY OF THE PART	of its dissociation caused by.
	Fody tissues obtain  A) low O2 concentration  A) low CO2 concentration	C) high CO <sub>2</sub> concentration
0.53	A) low O2 concentration  6) low CO2 concentration  matched pair.	D) low O2 and high CO2 concentration
	al lott (O) correctly matched pair,	
	A) low CO; concentration  6) low CO; concentration  Find the incorrectly matched pair,  Find the incorrectly matched pair,  A) CO binds with the amine radicals of  A) CO bins with the fe2° atoms of the h	f haemoglobin
Q 54		laeme unit
Q.	. A . V''	IN ALM A ASSESSMENT OF A STATE OF
	off a live and a second day	III Abd reduces
	1 BPG - binds with the Backhoghor	and reduces oxygen binding alfinity of haemoglobin
	p <sup>12</sup> , 3, BPG - binds with the Backhogholi In the tissues high concentration f ca	arbon dioxide.
Q.55	In the trace the affinity of haemoglobin	to oxygen but decreases its affinity to hydrogen to both oxygen and hydrogen
Q.30	A) increases the affinity of haemoglobin in the affinity of ha	to both oxygen and hydrogen
	B) increases the affinity of haemoglobin to	to both oxygen and hydrogen
	Cided eases the affinity of haemoglobin	to oxygen but increases its affinity to hydrogen
	After taking a long deep breath we d	o not inspire for sometimes due to
. ch	After taking a long	C) more O <sub>2</sub> in blood
Q.56	are CO: In prood	D) less O <sub>2</sub> blood
	ACT IN UNIVERS	read dagger by an analysis of the second sec
. 64	ANDDIN DISSOCIATES AND ON	ygen and deoxynaemoglobin at.
Q.57	A BENELLIE III U770C	TO A TURNET TO A TURN AND THE PROCESSING
	THE PROPERTY OF THE PARTY OF TH	tissue D) all time, respective of O <sub>2</sub> pressure
A 68	What is the amount of the port droke	e per 100 mil of blood in venous blood in men?
Q.58	A) 54 ml	C) 30 fill
	na na mi	D) 98 mi
0.59	what is the amount of Carbon droxid	le per 100 ml of blood in arterial blood in men?
Kina	A) 50 ml	C) 54 ml
	at 04 ml	D) 98 ml
0.60	web sir lungs can hold when t	they are fully inflated?
diam.	A) Sliters	C) 4 liters
	B) 4.5 liters	D) 3.5 liters
0.61	Exchange of onlyml of CO2 per	100 ml of blood occurs between blood and lungs and
	between blood and fissues:	
	A) 2	C) 4
	8) 6	D) 8
Q.62	· ·	entering the air passages to the lungs?
•	A) Trachea	C) Epiglottis
	8) Giotus	D) Diaphragm
Q.63		
	A) Nose → Trachea → Lungs → Alveoli	C) Nose → Alveoli → Lungs → Trachea
	B) Nose → Lungs → Trachea → Alveoli	D) Nose → Trachea → Alveoli → Lungs
Q.54	What statement about one exchange	D) Nose 7 (rached 7 Alveoli 7 Lungs
	What statement about gas exchange	e is correct?
	A) The alveoti are surrounded by a large	number of arteries
	B) Oxygen and cartion dioxide follow cor C) The large surface along the following	ncentration gradients in the bronchi
	C) The large surface area of the alveolt i	is needed for sufficient gas exchange
	D) The blood must be moist to carry gar	ses
-		

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THE STATE OF THE S

	Q.65	turb and the second sec	The stign the
	4103	Where does gas exchange take pl  A) Between arteries & alveoli	Ct Batween Capillaties &
		B) Between veins & bronchi	D) Between capitlaries & bronchioles
	Q.66		blood?
		A) Bound to hemoclobin in red blood	cells
		B) Bound to hemoglobin in the liquid (	part of the blood
		C) Bound to free iron atoms	
		D) Free in red blood cells	sate blood in the lungs?
	Q.67	Why does carbon dioxide move ou	t of the glood arbon dioxide to leave the
		A) Carbonic and raises the pH of the D	blood, causing carbon dioxide to leave the blood
		B) The medulia signals the blood to re-	lease carbonic acid higher in the blood than in the alveoli, so the pons signs
		C) Carbon dioxide concentrations are	Dons Bu
		D) Carbon districts concentrations are h	nigher in the blood than in the alveoli, so it diffuses out the respiratory gases.  C) Transport of respiratory gases
	Q.68	Which of the choices below is no	t a functional process performed by the
	4.00	system?	respiration of the second
		A) Pulmonary ventilation	
			p) Pulmonary respiration
	0.69	Which of the following maintains th	e patency (openness) of the trachea?
		A) Surface tension of water	C) Sollactorie
		8) Cartilage rings	D) Pseudostratified ciliated epithelium
	Q.70	The volume of air that can be exhalt	D) Pseudostratified clifated epithelium ed during forced breathing in addition to tidal volume.
		ls:	C) Expiratory reserve volume
		A) Residual volume	D) Total lung capacity
		B) Vital capacity	0) 1000 1010
-	Q.71 I	During Inspiration:	
		a) Diaphragm and external muscles rela-	perios relaz
	E	3) Diaphragm and internal intercostal mi	uscles contract
	C	Diaphragm and external intercostal m Diaphragm and internal intercostal m  Diaphragm and internal intercostal mi	uscles contract
	D	ncrease in CO2 concentration shall c	ause:
Q	.72 1	Slower and shallower breathing	C) Slower and deeper breath no
		4 de la la heasthing	D) No ellect on preating
	В)	Faster and deeper pressured and damage	d with reduced surface area in heavy smokers,
Q.	73 AI	Veoli Decome emarged and tames	t anovers
		ndition is called:	C) Emphysema
	-	Silicosis	D) Bronchitis
	'	Asthma ses diffuse over the respiratory sur	
Q.7	4 Gas	ses diffuse over the respiratory say	C) Oz is more in blood than in tissues
	A) (	02 is more in alveoli than in blood	D) PCO2 is more in blood than in tissues
	_	O <sub>2</sub> is more in alveoli than in blood	D/ 1 002 10 11 0 13 0 0 5
Q.7		al cords occur in:	C) Larynx
	A) P	harynx	
	8) G	lottis	D) Bronchial tube
Q.76	The	pigment which stores oxygen in m	luscles is:
	A) He	emoglobin	C) Myogrobin
	B) My	/osin	D) Actinomyosin
Q.77		is the residual volume of his which	th always remains inside the lungs of human?
4		Liters	C) 0.5 Liters
		Liters	D) 1.5 Liters
70		otal inside capacity of lungs is	· ·
2.78			C) 5 liters
	A) 7 lit		
	B) 6-7		D) 2.5 liters
.79	About	70-85% CO2 in blood is carried:	
	A) As ci	arboxyhaemoglobin	C) With proteins in plasma
	8) Free	ly as CO <sub>2</sub>	D) As bicarbonate
	*	yhaemoglobin (10-20%) is form	
		e group of haemoglobin	C) Iron part of haemoglobin
	-		
	o) maeu	portion of haemoglobin	D) Plasma proteins

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Q.80



	. NGE	GRIP ENTRU
,	Breathing consists of:	GRIP ENTRY TEST BOOK SERIES
51	und consists	C) Three phases
	Al four phase	C) INTER Ph.
1	al four phase 8) One phase chances of lung cancer are	D) Two
1	One programme and	C) 10 D) 100 C) 100
	and Care Of	C) 10
4	O'S	D) too
ú	a) 50 of lung cancer is caused by sn	College and the state of the st
	8) 50 of lung cancer is caused by sn	
		C) 70%
đ	A) 20%	D) 90%
	8) 30 - Imperculosis is a discuse of I	D) 90% ungs in which inside of lungs is damaged:  C) tung  D) Myrobook
	A) Respiratory	C) I trop inside of hipper
å	A) Respiratory	D) Managed:
	Respiratory     B) Pulmonary     Is an altergic reaction to	D) Mycobacterium
		Polien, Spores, Cold Is.
ξŚ	A) Emphysema  B) Respiratory distress syndrome  B) Respiratory distress syndrome  B) Respiratory distress syndrome	D) Mycobacterium pollen, spores, cold, humidity and pollution etc: D) Cancer
	a) Respiratory distress symbioting  B) Respiratory distress symbioting  Emphysema is the breakdown of:	D) Caucet
	solviens is the breakdown of:	
şĞ	Empire	C) Pamb.
	A) Bronchi	C) Parabronchi
	J. I. MINTHE	D) Lungs
	COMMITTED TO STATE OF THE PROPERTY OF THE PROP	to the tissues is:
1	- chad Digation	C) Red blood calls
	B) Haemoglobin	D) Lymphocytes
	I BLAUX Ober a succe by an alice	- Andrew Cycles
66	A) Guilet	C) Glottis
	as CardOWU3	C) 44
	pirfusion of O2 into chest cavity and (	D) None of these
9	A) Osmotic pressure	or our occurs due to:
	TO TRIBUTE B. COLT.	C) Partial pressure of an
	B) High blood pressure	D) Both 'a' & 'b'
90	Haemoglobin combines with oxygen (	to form:
	VI DAAIMETHORIOSIII	C) Haemoglobin dioxide
	B) geroxyhaemoglobin	LI PIAMBA-I. L
01	Haemoglobin can absorb maximum o	D) Haemoglobin monoxide
91	A) in the water	
	as on the earth	C) At sea level
	by on the court important muscular street	D) On the mountains
92	The most important moscular struct	ure in respiratory system of animals which causes
	inspiration:	of drimals which causes
	A) External intercostals muscles	C) Internal intercostals muscles
	8) Diaphragm	I D Pinc
93	Mucus is a slimy solution of mucin, w	high is compared at
	A) Glycoproteins	C) Charles of
	B) Lipoproteins	C) Glycolipids
94	The continued booting - 5 st 5	D) Cholesterols
27	the continual beating of their cilia ca	irries the carpet of mucus upwards towards the
		The state of the
	A) 10cm mm 1	C) 10mm min <sup>-1</sup>
	B) 1mm min <sup>-1</sup>	
95	LOSS SECTION AND ADDRESS OF THE PARTY OF THE	D) 1cm min-1
	A) 10-20 years to dev	
	B) 15-20 years	C) 20-30 years
g.c	B) 15-20 years	
40	Now oxygen enters in blood from alv	reali of tungs?
		C) Simple diffusion
	B) By haemoglobin	C) Simple diffusion
97	During Inspiration, diaphragm:	D) None of these
	A) Contracts	
	B) Neither	C) Expands
98	8) Neither contracts nor expands	
-	""W "IIIDITATION AND ADDITION A	he chest cavity is increased due to.
	Ouring inspiration the space inside to B) Relaxation of the current of the curren	to the same and the same and the
	b) Relaxation of the	napinagin
	C)Increased pressure	muscles
	D)The contraction of the muscles of the	
	- TYPILIBITION of M.	

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0.99	A disease caused by gradual break	down of the th	in walls of alve	ioli is
4.55	A) Tuberculosis			1.00
	The Continue of the second of	D) Brot		
Q.100	During breathing air from pharynx	centers to. 20	nchioles	
	4 1 17 h n			
	B) Alveoli  Gradual beak down of the alveolar  A) Cororary heart disease	walt loads to v	which type of as	
Q.101	Gradual beak down of the alveolar	C) Bron	ichitis	sease in a sm
	A) Cororary heart disease	D) Asth	ıma	- Oker
	B) Emphysems Which of the following statement is			
Q.102	A) Myoglob n and hemoglobin has higher	er affinity for nit	rogen	, bigments)
	B) Cyanide and hemoglobin has low affi	nity for oxygen		
	C)Myoglobin has more affinity for oxyge	n as compared	to hemoglobin	
	D)Albumin globulin and proteins are pre	sent in respirat	ory pigments	
0.103	The low levels of surfactant product	ed by alveolar	epithelium cau	5ę,
Q.103	A) Respiratory distress syndrome	C) Empl	hysema	
	B) Bronchitis	D) Asth	ma	
0.104	The opening into the wind pipe or tr	achea is caller	d.	
	A) larynx	C) epigli	ottis	
	B) alattis	D) brond		
0.105	Ciliated epithelium in the trachea of	mammals help	ps In.	
	A) sucking in air	C) pushi	ing expired air ou	
E	3) pushing mucus out	D) keep	ing the alveolar a	in in circulation
Q.106 V	Which of the following is entirely ma	de of cartilage	¢?	
A	A) Nasal septum	C) laryno		
8	3) giottis	D) trachi		
	Volume of air left after maximum fo	rceful expirati	on in numans i	5.
	) total lung capacity	*	ral volume	
В	) vital capacity	D) tidal v		in a second
_	ow much amount of oxygen is pres	C)1.34m		Diffi.
	)20ml	D)13 4m		
B)	)40ml			
Q.109 O	xygen binding to haemoglobin in bl directly proportional to the concentrate	on of CO- in the	en '. '	
A)	inversely proportional to the concentra	con of Casan		
	directly proportional to the concentration			
0)	independent of the concentration of CC	in the me		
0.110.50	the alveole the factors favourable f	or the format	on of mucharm	ogtobin include.
VI OTTI	low PO2, high PCO2 and high H+ col	ntra		
R)	low POz high PCOz and high H+ concen	tration and hig	147	
C	high PO2 high PCO3 and high H+ co	tration		
	high PO2, low PCO, and low H			
	te of breathing is controlled by.			
	the amount of freely available exygen			7
T	muscle function of the body			
	ich one of the following statemen	1 11 15-2	recommy trac	thea
	t usually lies posterior to the process of the			
	t splits into right and re	3-1-1		
_	pening to the tracheale	r		
	rachea rings are incomplete intraging	us and C shape	êd	
112 Card	ilaginous rings in trachea are inco	molete at whi	ich surface.	
		C) ventrai		
	forsal	D) ventrol		
b) Ja				
	are alveoli designed to maximize		ar guson	
	increasing the surface area of trache			
	reasing the surface area of the lu		exchange	
	increasing the surface area of the lur	ide in Agenne	Challenge	
- A	L fy			

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GASE	og portion of oxygen remains un	used in the human blood even after its uptake by						
1.55	A large. This oxygen.							
Q.112	the tisserve during muscular exer	rcise						
	as raise?							
	C) is enough releasing more oxygen to the	ep thekat tissues						
	the control of the co	M =						
. 6	Given below Trachea 5. Nasal chamber	6. Bronchioles 7 Alventi 8 Langey Their correct						
Q.110	gronchi 4.	ep thekat tissues ilan respiratory pathway. 1. Pharynx, 2.Nostrils 3. 6. Bronchioles 7.Alveoli 8.Larynx Their correct						
	sequences 3 - 8 - 4 - 6 - 7	C(2-5-1-9-4-3-6-7)						
	A12 - 1 - 5 - 3 - 4 - 8 - 6	D11 = 2 = 4 = 5 = 9 = 6 = 3 = 7						
	- 17 - D T T	D)1 - 2 - 4 - 5 - 8 - 6 - 3 - 7  ne breathing movement in mammals is. (i) Ribs (ii)  Diaphragm (v) Sternum (vi) Epiglottis  C) (i).(ii).(iv) and (v)						
	The structure which contributes to tr Intercostal muscles (iii) Larynx (iv) I	Dianhraom (v) Storoum (vi) Epidottle						
Q.11/	Intercostal muscles (m)	C) (1),(11),(11) and (v)						
	a) (1) (1V) (V) and (VI)	12 in our blood and causes a in pH.						
_	greathing rate will increase when de	D) (ni) and (vi)  2 in our blood and causes a in pH.  C) increase / drop  D) decrease / drop						
Q.118	A) increase rise	D) doctors drop						
	al detréase noe	constant to lines in the form of						
	out of carbon dioxide (COZ) is trans	sported to migs in the form of						
Q.119	A) increase  B) decréase inse  Bulk of carbon dioxide (CO2) is trans  Bulk of carbon dioxide (CO2) is trans  A) bicarbonate of blood plasma and RBCs  A) bicarbonate of blood plasma							
	bicarbonate     in brood plasma     free CO <sub>2</sub> in brood plasma     sharpphaemoglobin and 30% as bicarbonates							
	B) free CO <sub>2</sub> in blood plasma  B) free CO <sub>2</sub> in blood plasma  B) free CO <sub>2</sub> in blood plasma  C) 70% carbaminohaemoglobin and 30% as bicarbonates  C) 70% carbaminohaemoglobin in RBCs							
	C) 70% carbaminonaemoglobin in RBCs D) carbaminonaemoglobin in RBCs During the initial part of inspiration which one of the following does not occur?  A) intrapulmonant pressure fall							
	b) caroathe initial part of inspiration	William But of the tollowing and the						
0.120	A) Intraputmonant pressure fall							
,	at the constant tise							
	6) intrathoracic pressure rise C) intra abdominal pressure rise D) the partial pressure of oxygen in dead space rise  D) the partial pressure of oxygen in dead space rise  O) the partial pressure of oxygen in dead space rise							
	C) intra partial pressure of oxygen in dead	space rise :						
	D) the partial pressure of dayger all exc Oxygen affinity is increase by all exc	ept C. M. 202 3						
Q.121	Oxygen difference	D) Hypothermia						
	A) Alkalosis  B) increase Hb  Carboxyhemoglobin (10-20%) is for  Carboxyhemoglobin	b) hypothermal responses with:						
	B) increase in (10-20%) is for	C) Haem portion of hemoglatin						
Q.122	A) Amino group of hemographin	D) Plasina proteins						
	Al Allino							
	About 70-85% Co2 in blood is carrie	C) Freely as CO2						
Q.123	A) As carboxyla in myoglobin	D) As b carbonate						
,	A) As carboxyla a not that	high always remains inside the lungs of human  C) 0.5 liters  D) 1.5 liters						
	8) With prof	hich always remains						
0.124	What is the residual	C) () 5 (ters						
•	A) 3.5 liters	D) 15 Resolutions tract where exchange of						
	B) 5 0 I ters	ts the part of respirator						
0.125	Which one of the Life Arthur	b) 1.5 item ts the part of respiratory tract where exchange of						
	gases takes place							
	A) from externa							
	8) glottis '							
	C)alveoli and it							
	Ditrachea broBCDI d							
0.176	Colour of oxyhaemoglobin is.	rit was red						
4.4-0	A) dull red	D) dutt brown						
	A) duil red  B) bright red  The vibrations of which of these mer	whranes produces vocat some						
0.127	The vibrations of which of these mes	C) vocal cords						
dinn.	A) glottis	D) epiglottis						
0.130	B) vocal sacs Internal respiration refers to.	n mond						
4.148	A) exchange of gases between lungs and	2 DiOpe						
	A) extraor for my at OF	·t-mosphere						
	B) ce lular respiration  C) exchange	1 Stitles						
	D) n rosen as							
	DIT I DECITE							

	Q.129	Biblion Biblion and a second	12,000 800k	
		form orute present in R.B.C faciliti	C) Anhydrase carboxylase D) Carbonic hydroxylase	ERIN
		A) O	and and and	8-68
		N) Oxygenase	C) Anhydrase carbon to	100
	0.130	6) Carbonic anhydrase	C) Anhydrase carboxylase D) Carbonic hydroxylase decreased surface area is the characterist C) Emphysema D) Tuberculosis	MODIL
	41230	Alveoli with an increased volume but	decreased surface and distributed	1,1
		A) Asthma	C) Emphysica area is the character	
		B) Lung cancer	C) Emphysema	i.
	Q.131	In the living organisms, respiration of	U) Tuberculosis	of:
		B) Organismic and callular tavala	C) Cellular level	
	Q.132	Respiring calls good aware to	D) None of these	
		the formation of	se energy from food molecula	
		A) AMD	which I	
		B) ATD	C) Cellular level D) None of these se energy from food molecules, which is C) ADP D) Phosphate	Utilla.
	0.133	The	D) Phosphate	and p
	4.103	The purple - red respiratory pigment :  A) Fibrinogen	ound in the blood of	
		A) Fibrinogen	C) Nitroon	
		D1 Hemoglobus	4) Madagen	
	Q-134	Nasal cavities are lined with mucous (A) Endothelium	D) Oxynemoglobin	
		A) Endothelium	memorane of ciliated tissue	
		D1 44	L. L. MUALBARITA	
	Q.135	Small amount of Carbon diameter	D) Epithelium	
		A) Potassium	D) Epithelium  C) Magnesium  C) Magnesium	
		B) Sodium	C) Magnesium	
	Q.136	Large dust postleton our	D) Chloride	
		A) Bone	D) Chloride Iman nostrils by which of the following C) Hairs	
		B) Mucous	C) Hairs	
	0.137	A Limon and a second	D) Both b and c	
	4.751	Lungs are spongy due to the presence	of millions of	
		,	C) Alveoli	
	0.120	B) Bronchioles -		
	Q.138	Air sac is theunit of lungs:	D) All of these	
		w) Stractaral	CS F	
		B) Both a & b	C) Functional	
	Q.139	Each nasal cavity in man is sub-divid-	D) None of the above	
		A) 2	Propagate wave.	
		B) 4 .	C1 3	
	Q.140	In man, air is channelized from the p	D) 5	
		A) Bronchi	harynx into the:	
		B) Trachea	C) Parabronchi	
	0.141	The expension seeks		
	4.2.5	The expansion of the lung and inhala  A) The muscles of the lungs relaxing, allo	Han III	
		A) The muscles of the lungs relaxing, allo     B) Decreased pressure of the inter-state.	Wing the lungs to get lesses	
		The state of the s	Titud	
		C) The contraction of the muscles of the	hathraom	
		D/ DOUL a or D and Correct		
N	Q.142	At seal level, the 500ml of blood will	have t	
1		A) 20 ml	nave now much oxygen?	
9		B) 100 ml	C) 50 ml	
7	0.143		D) 500 ml	
	41240	Larynx is the modified portion of:		
		A) Pharynx	C) voice box	
		B) Bronchus	DA Too	
	Q.144	and any series and blood from alv	eoli of lungs?	
		A) Tressule of COX		
		B) By hemoglobin	C) Simple diffusion	
	Q-145	During inspiration, diaphragm:	D) None of these	
		A) Contracts		
		B) Neither contracts nor expands	C) Expands	
	0.146	When arrows tone to see	D) First contracts and then expand-	
	4.240	When oxygen tension is 115 mm mer	cury hemoglobin issaturated	
		The state of the s	C) 98%	
		B) 100 %	D) 20%	





15 E	plasma proteins carry about	GRIP ENTRY TEST BOOK SERIES
	glasma proteins Carry	CO2 from the body fluide to 2
147	A)2%	CO2 from the body fluids to the lung capillaries:
	A) 2%  B) 5%  Myoglobin is hemoglobin-like  A) Oxygen	2) 10%
	Myoglobin is nem	C) Carbon protein:
148	A) Oxygen	Carbon groxide
	B) Ironco; is carried as c	D) All the above arboxyhaemoglobin in human body:
_		and Alinemoglobin in human had
149	A) 40 10	-, 10.18
	8)50%	Tobin and hemosty.
150	8)50% What is common between myog	C) Mn
_	A) CU	D) Fe
	B) Ply	-7.6
151	B) Mg Muscles of expiration is called A) Diaphragm	C) external intercostals muscle
	C' assertal muscle	D) abdominal muscle
	what blood leaves the cobiners	bed most of the carbon dioxide is in the form of
124	A) carbonate ions	A CARLING POLICE
	- Lieurbonate 1005	D) history and the
153	When you inhale, the diaphragn	70 4.5 7
	Al relaxes one	C) contracts and moves upward
	B) relaxes and moves downward	D) contracts and moves downward
154	With which other system do spe	cialized respiratory systems most classic lateriage in
	excusing and	and and crient fulliblits
	A) the skin	C) the circulatory system
	B) the excretory system	O) the muscular system
155	Which of the following is the respir	atory surface in human respiratory system:
	A) (arynx	C) bronchi
	B) trachea	D) alveoli
	to an and all the excises transport	- 37, 13,
,156	A) dissolved in plasma	C) as bicarbonate
	B) bound to hemoglobin	D) dissolved in water
	the second second and also also also also also also also also	
.157		C) ribs and intercostal muscles
	A) ribs	
	B) intercostal muscles	D) ribs, intercostal muscles and diaphragm
.158		most effective in accelerating the rate of breathing in man?
	A) a lack of oxygen in the blood	C) an excess of carbon dioxide in the lungs
	B) a lack of oxygen in the tissues	
.159	Which of the following changes into the alveoli?	will increase the body's rate of carbon dioxide excretion
	A) holding the breath	
	B) the breakdown of alveolar tissue	as a result of disease
	C) a decrease in the partial pressure	of carbon dioxide in the alveolar air
	D) a decrease in the pulmonary circ	
.160	*	
	A) counter current exchange	C) ventilation
		D) diffusion
.16	B) cellular respiration	·
	Which event is not associated w	IN the activity of expirations -
	A) contraction of diaphragm	
	B) more dome like shape of diaphra	
	C) backward and downward movem	
	D) relaxation of external intercostal	e muscles

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Q.162 Respiratory pigments

A) combine reversibly with only daygen.

C) attach to the alveolar wall

B) all have four baem groups

D) None of them

Q 163 Which sequence most accurately describes the sequence of airflow in the human

respiratory system?

1. pharynx 2. bronchus

4.larynx 3 trachea

5.alveglus

6.bronchiole

The state of

A) 4, 1, 3, 2, 5, 6

8) 1, 4, 3, 2, 5, 6

C) 4, 1, 3, 2, 6, 5

D) 1, 4, 3, 2, 6, 5

#### **ANSWERS**

1.	D	2.	В	3.	C	4.	D	5.	A	6.	C	7.	A		-
9,	В	10	. B	11.	В	12.	C	13.	В	14.	В	15.		8,	В
17.	В	18		19.	10	20.	(	21.	C	22.	D		C	16.	a
25.	В	26	. A	27.	C	28.	-	29.	c	30.	- B	23.		24.	В
33.		34.	.   c	35.	D	36	A	37.	8	30.	6	31.	C	32,	В
41.	A	42	. c	43.	£	44.	† A	45.	В	46.		39.	A	40.	D
49.	C	50.	+ - B	51.	† D	52.	B	53,	-	-	0	47.	C	48.	C
57.	A	58	A	59.	+ -	60.	A	4 .	_	54.		55.	D	56.	В
65.	10	66.	A	67.	4	68.	1 -	61.	-	62.	C	63.	A	64,	
73.	C	74.	A	75.	4	76.	C	69.	В	70.	C	71.	C	72.	-
B1.	D	82.	-	83.	+	84.	7	77.	D	78.		79.	D	80.	-
89.	C	90.	A	91.		92.	В	85.	C	86.	B	87.	В	88.	
97.	A	98	10	99.	 B	100.	В	93.	A	94.	D .	95.	C	96.	
05.	8	106.	C	107.	-	108.	A .	101.	_C	102.	C	103,	A	104.	-
13,	A	114.	C	115.	A	116.	C	109,	_B	110.	D	111.	C	112.	
21,	C	122.	A	123.	D	<del> </del> -		117.	C	118.	C	119.	A	120.	
29.	5	130.	C	131.	8	124.	D .	125.	_ C _	126.	В	127.	_		
7.	С	138.	ε	139.	C	132.	В	133.	В	134.	D	135.	A	128.	-
5.	A	146.	C	147.		140.	D	141.	C	142.	В	143.	D	136.	
3.	D	154.	C		8	148.	В	149.	A	150.	D	151.		144,	_(
1.	A	162.	D	155.	D	156.	В	157.	С	158.	Α -		B	152,	E
				163.	D	164.		165.		166.		159.		160.	(
										100,		167.		168.	



Pr-	space is present in;	
-	Periplasmic space is present in;	
0.1	A) Only in Gram negative bacteria	
Q.	A) Only in Gram positive bacteria  B) Only in Gram negative bacteria  B) Only in Gram positive and all Gram-negat  C) In some Gram negative and all Gram positive and all Gram p	ve
	TO 5	IV P
	. TA 14711'T	
	A COLLEGE	C) For hardward and a
$Q^{,2}$	A GOVERNMENT AND A SECURE POPULATIONS	C) For bacterial growth only
Q.e	6) drug registance and insect resistantes Bacterial spores are resistant to;	D) Al. above
	6) Great spores are resistant to;	
- 2	Bacterial spores cals  A) Light and chemicals	C) Temperature only
Q.3	a) Light and ph and pH s) Designation of microbial proteins is caus	D) Al. above
	6) Designation and pH Coagulation of microbial proteins is cause	ed by;
	Coagulation	C) Dry heat
Q.4		
	6) Moist heat	ct and move in response to chemical signals;
_	Which of the	O) Chemica's ct and move in response to chemical signals;  C) Aerobic
Q.5	A A SECTION OF THE SE	_
	B) Face ated In bacteria the complexes of layers exter	mal to the cell protoplasm are called;
	In bacteria the complete	C) Cansule
Q.6	- ALL ARLENDE	design of the second of the se
	B) Slime A waste material stored in storage bodie	s in the bacterial coil is in the form of:
	A waste material stored in storage books	C) Alcohol
Q.7	AN LACTIC BULL	D) All of these
	B) Acetic acid the mitochondria are;	Of Air of these
	Lasterial Colly Silve	C) Only hyp
Q.S	A) Few in number	C) Only two
-	B) Totally absent	D) Frequently present
	B) Totally absent Bacterial capsule is made up of repeated	Units;
Q.9	Bacterial acids	
	A) Amino acids  B) The verides  College of the following give rigid structure	D) Disacchandes
	B) The votades Which of the following give rigid structur	re to the bacteria;
Q.10	Which of the form	C) Cell wail
Q.i.	A) Sime	D) Basal body
	B) Capsule Bacterial chlorophyll is dispersed in the;	
Q.11	Bacterial Chlorophy in the	C) Basal bodies
Quan	At Cytoplasm	D) None of these
	5 'm' : hat ansas that inhibit the grow	D) None of these with of microorganism in living tissue are called;     C) Antibiotics
Q.12	Chemical Substances Cities China	C) Antibiotics
42.00		
	B) Disinfectants	D) All Above Into the cytoplasm forming a structure called; C) Glyoxisomes
Q.13	The bacterial cell membrane	C) Glyoxisomes
Q.15	AT MACOSOTTES	D) None of these
	B) Peroxisomes Which of the following is common in both	h hacteria and virus:
Q.14	Which of the following is common to	C) Mitosis
Q.r.	A Landon Sc. 4 AS DEFIELD INSPECTOR	PA Diborames
	B) B pary ( 5100	d in the envelope of bacteria:
0.15	B) B pary f sion Which one of the following is not include	C) Cansue
Q.15	A) Cell wall	D) Slime
	El Dille	of bacteria except
	B) P.B. A Lof the followings are true about cysts	C) Designation Resistant
Q.16	A 1 bi the tander is	Designation Resistant     Designation of Property Cells     Designation of Property Cells
	A Prof. Co.	(p) Former during one
	The protoplast of bacterial cell lack which	th of the following
Q.17	The protoplast of bacteria	C) Plasmio
	A) Nucleus	D) Mesosome
	B) Ribasome Substance used to kill microbes in living	tissues
Q.18	Substance used to kill interobes in his	C) Antibiotics
	A) Antiseptics	D) All of these
	B) Disinfectants Which of the following is sterilized by me	ambrane filters?
Q.19	Which of the following is sterilized by in-	C1 Hormones
	A) Sera	DI All of these
	4 - 1 -	-thorapeutic
Q.20	One of the following is not used as chem	C) Tetracycline
	A A cohel	D. Penicilli
		D) Penicillin
Q.21	Which of the following is not found in all	bacterial census
, - <u>-</u>	A) A husing of	C) Cell membrane
	A) A Nucleoid	D) Ribosomes
	B) Capsule	



Q.22	provides the greatest pat	hogenicity to Dacteria:AL
4.00	A) Capsule	D) Sime :
	B) Cell wall	n, the unicellular, non-nucleate organisms and
Q.23	According to four-kingdom crassmeatre	hit file mileting pi
	place in.	C) Plantae
	A) Monera	O) Animalia
	B) Protista The Moneran devoid of cell wall is.	
Q.24	A) Acinomycetes	C) Mycopiasma
	m t. P. de a minute of m	D) Archaebacteia
Q.25	Flagelium with single strand and comp	osed of flagellin is found in.  C) both (a) and (b)
	A) Prokaryotes	D) none of three
	B) Eukaryotes	bserve bacteria. Who among the following
Q.26	obtained a pure culture of bacteria for	the first time.
	A) Lister	C) Pasteur
	R1 Ehranbara	D) koch
A 12		tdoycan and an extra layer of.
Q.27	A) Lipo-polysaccharide	C) protein
	B) Lipo-protein	D) both (a) and (b)
Q.28	the state of the s	Is called.
4140	A) Monotrichous	C) Cobuntations
	B) Amphirtrichous	D) Myxomycetes
Q.29		
4>	A) Monera	C) Fungi
	B) Plantae	D) Animalia
Q.3D	The cyanobacteria are also referred to	as
	A) Slim moulds	C) Proteists
	B) Blue green algae	D) Golden algae
Q.31	The main difference between gram pos	itive and gram-negative bacteria resides in th
	composition of.	and the second s
	A) Clira	C) Nueleolus
	B) cell all	D) cytopiasm
Q.32	Which of the following is a prokaryote?	C) Fach such a
	A) Spirogyra	C) Escherichia
	B) Rhizopus	D) Amoeba
Q.33	Who among the following developed a A) Edward Jenner	C) John Silk
	8) Louis Pasteur	O) J. Lister
Q.34	Which one of the following sets include A) Cholera, typhoid, mumps	es the bacterial diseases?  C) Malana, mumps, poliomyelitis
	B) Tetanus, tuberculosis, measles	D) Diphtheria, leprosy, plague
Q.35	Plasmids found in the cells of bacteria	
4	A) DNA	C) Proteins
	B) RNA	D) DNA bound by histoes
Q.36	Pill are the characteristic appendages of	
	A) Algae	C) Bacteria
	B) Viruses	D) Mycoplasma
Q.37	The hyphae of rhizopusare  A) Unbrached, asepateate, and uninucleate	
	B) Brached, asepate and multinucleate	
	C) rached, septate and uninucleate	
20	D) Unbrached, septate and coenocyptic	
2.38	Cyanobeacteriaare.	
	A) photoheterotrophs	C) Chemoautotrophs
	B) photoautotrophs	D) Chemohetemtrophs
.39	The main difference between gram pos	itive and gram negative bacteria is.
	A PER INDIVIDUE OF IC	C) Ribosome
	B) Celt wall	D) Mitochondria
.40	According to five kingdom classification	bacteria belong to
	A) Protista	C) Plantae

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PRON				_ 1	2,0004	Questi	on B	ank
	Moneta	D) Archa	ea					_
	archaeure Structure	C)						
Q.41	A) Cell incommendation	C) CEII SI	_					
	B) Mode of the function of	mode	of reproc	ductio	n			
	The state of the s	INTOCHOL	Mria in E	pacte	rla?			
Q.42	A) NUCTEDIO	C) cell M	all					
	A) Ribosmes  B) Ribosmes  The motile bacteria are able to move by	D) Mesos	somes					
Q.43	A) Fimbraie	C) Cilia						
1	A) Flagella B) Flagella	D) Pile						
	Cyanobacteria	-71111						
Q.44	ANISTHEU BY TOTO	C) have	chlorophy	.11				
	B) are not widely distributed	D) have	- uorophy	VIII				
	B) are not train, unlike other types of bact	All usade	chloropla	st				
Q.45	Cyanobacteria, unlike other types of bact	C) acc)	photosy	nthe	ilze, do	)		
5	A) not give off oxygen	C) not ha	ve chloro	phyli				
	B) give off oxygen	D) not ha	ave a cell	wall				
. 46	alli are made up or pitin, which is							
Q,46	A) carbohydrates	C) protei	n .					
	8) lipids	D) triglyo	erides					
	Most pathogenic bacteria cause disease t	y A) direc		ndagi	odhdd:	al colic	of the	hor
2,47	A) Directly destroying individual cells of he hos	1		Trong !		HI CEIG C	n uit	1103
	B) depriving the host of their nutrients	•						
	B) depriving the host of their instriction							
	C) producing toxins							
	D) depriving the host of oxygen							
Q.48	Chemosynthetic bacteria							5
4	A) are autotrophic		e inorganic			to acquin	e ene	rgy
	n) use the sun rays		and Car			0		The same
40	A bacterium with flagella all around							
Q.49	A) monotrichous	C) amphi	trichous		8	15	8	
	B) lophotrichous	D) peritr			e 1			
	Conjugation is facilitated by	- , , , , , , , ,						
2.50		C) flagell	a					
	A) capsule		oili and fla	حالمو				
	B) prili	T P		Всина				
2.51	Bacterial membrane differ from eukaryot	C) lackie	anchese	-havid	i.a.			
	A) lacking proteins		g polysact		re .			
	B) lacking lipids		g choleste	erol				
2.52	Bacterial membrane also contains enzym	es for						
	A) respiration	C) prote	in synthe	515				
	B) photosynthesis	D) secret	tion					
1.53	Facultative anaerobes							
[199	A) require a constant supply of oxygen	C) do na	t always n	need o	oxygen			
	a) and by the day of the state of any and any and any and any and any and any and any any and any		notosynth					
	B) are killed in an oxygenated environment							
		VERS			-	TE		В
Г	1 C 12 D 3	D	4.		0	5.	-	6

4	1.5			13	D	4.	TC .	5.	В
1	C	12	- 5	8.	В	9.	С	10.	C
6	A				- 4	14.	A	15.	В
11	Α	12	A	13.	A	19	В	20.	A
16	A	17	A	18	D		C .	25.	A
21	В	22	8	23.	A	24.	A	30.	С
26	В	27	A	28.	D	29.	A	35.	A
31.	В	32.	C	33	A	34	D	40.	В
36	C	37.	8	38.		39.	8		
41.	A	42.	D	43.	В	44.	C	45	В
				48	D	49	Ð	50.	8
46		47.	A					55	
51.	D	52.	A	53.	D	54.			

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	Q.1	Which of the following hormo-	nes stimulates the maturation of reproductive structure
		both male and female humans	7 atriacture
		My Estroyen	C/1311
	0.7	B) Progesterone	D) Testosterone
	Q.2	an gonorrhea infected pregnar	t women virus can be transmitted to infant during:
		- True you want	,
	Q.3	B) Lactation	D) Birth
	Q.3	In male, the production of spec	
		A) Continuous process	C) Discontinuous process
	Q.4	B) Cyclic activity	D) Lasting until puberty
	4	A) Progesterone is secreted	C) Progesterone diminishes
		8) Endometrium is vascularized	D) All of these
	Q.5	Ovulation occurs on	
		A) 1 <sup>+1</sup>	C) 6 <sup>th</sup>
		B) 13 <sup>m</sup>	D) Last
	Q.6	1st day of menstrual cycle will b	
		A) The day when ovulation occurs	
		B) The 1" day of menstrual bleeding	
		C) The last day of menstrual bleeding	
		D) The very next day after the men:	
(	2.7	Factors that could disturb menst	rual cycle are:
		A) Infection	C) Anemia
		B) Hormonal imbalance	D) All the above
Q	.8	Embryo is implanted in:	
		A) Uterus	C) Placenta
		B) Uterme tube	D) Cervix
Q.	.9	The neck of the vagina is:	
		A) Uterus	C) Cervix
		3) Uterine tube	D) Placenta
Q,	10 /	I pair of slender egg ducts that co	erry ovulated ova towards the uterus:
	-	) ranopian tubes	C) Vas deferens
-		) Oviduct funnel	D) Seminar vesicles
Q.1		terilization in males is called as:	
		Tubectomy	C) Vasectomy
	,	IVF	D) None of these
Q.1	2 0	vulation is the release of seconda	rry oocyte from:
	A)	Mature follicle	C) Ovary
_	8)	Both a' & 'b'	DV Mana a Cal
Q.13	3 Th	e completion of melosis II in hur	nan erig formation will lead to the formation of:
			" read to the formation of:
	6).	Single ov m + C = 2 for brag	' - cva' - ir tara ir body
Q.14	On	which also acts as gland:	t french polar bod es
	A) \	/agina	C) (Itamia
	B) (	vary	C) Uterus
Q.15	Fert	ilization of the human egg occur	D) Clitoris
	- M/ E	xternally	
	B) II	the cervix	C) In the vagina
Q.16	How Prim	many sperms and ova will be p	D) In the oviduct roduced from 25 primary spermatocytes and 25
	1.74.0	A Sherring and Off DAN	
	B)10	9 Sperms and 25 our	C)50 sperms and 25 ova
Q.17	The p	ploid secondary posite	D)10J sperms and 100 ova
			if nito the.
	B) firs	t polar body	C) Both a and b
Q.18	How p	nany polar bodies	D) None of these
,	4) 1	reproduced	by one primary oocyte in human?
Ε	3) 2		C) 3
			D) 4

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E, Progesterone



Q.34	Testosterone is produced by which	one of the following?
	A) Sertoli cells	California characterist
	B) Interstrial cells	D) Spermatogonia
Q.31		on la ini
	A) Anaphase I	Citiohunas
	B) Metaphase t	D) Metaphase II  ed after the release of egg from follicle in called:
0.30	Yellowish glandular structure form	ed after the release of egg from follicle in call
	A) Corpus callosum	C) Grimn rollicie
		D) Follicle atresia
Q.35		mary follicles is stimulated by:
	43 9554	C) 1 3 1 1
	BILH	D) Estrogen
0.46	Causitive agent of a sexually trans	D) Estrogen mitted disease that affects mucous membrane of the
	urinogenital tract is:	The of the
	A) Standardonorus aureus	
	R) Netsieria poriorrohea	D) Escherichia coli
0.43	In human testis, which structure	D) Escherichia coli is responsible for carrying sperm from inside to
- Agran	testis?	Inside is
	A) Seminiferous tubules	C) Urinogenital duct
	B) Seminal vesicle	O) Vasa efferentia
0.42	2n which part of female reproductive	e system fertilization takes place?
4.44	A) Proximal part of oviduct	C) Uterus
	B) Placenta	D) Vagina
0 43	,	
4.43	A) Progesterone	C) Lactin
0.44	To which phase of human female	D) Oxytocin menstrual cycle, endometrium prepares for th
Q.w	in which phase of number remain	menserual cycle, encometrium prepares for
	A Buildeatha stage	El Mariatana A
	A) Proliferative phase	C) Menstrual phase
	B) Secretary Phase F C C C	D) Ovulation phase
Q.45	Events of menstrual cycle are regula	ted by the:
	A) Ethylene	C) Gonadotrophins
	6) Auxins	D) Gibberellins
Q.46	Decrease of FSH and increase of estr	ogen cause pituitary gland to secrete:
	A) Sometetropin	C) Luternizing Hormone
	B) Testosterone	DA Contract
Q.47	Transmission of Neisseria conorrhea	Is best described by which one of the following?
	A) Oro-fecal Route	Sold the following of the following
	B) Vector Borne	
		D) Droplet Infection
	Where do sperms get matured?	
	A) In seminal vesicle	C) Seminiferous tubules
0.40	5) In epididymis	PN Manager on
Q.49 C	onversion of spermatids into sperm	le.
A	) Spermiogenesis	
B	) Gametogenesis	C) Spermatogenesis
Q.50 S	Permatogenesis In Lan	D) Metamorphosis
A	Progesterone	F. C.
R1	STH	C) FSH
-51 A	317	
test W	type of cells in human testes which processes in human testes which processes with the proces	O) L(H
A)	Interstitial cells	produce testosterone is called
47	ocitori Ceris	C) GELLI CARE
.52 Bre	akdown of and	D) Spermaton de
A) I	occessors is an anometrium during ma	Detrumble 1
61.1	ncrease in level of LH	reduction is due to:
-/ -	POPERSON OF A CONTRACT OF A CO	C) Decrease in level of progesterone
-	THE REPORT OF THE PROPERTY OF	D) Increase in level of oestrogen
	OGI GIERIE IL COMMI	in level of oestrogen
B) U	terus	Clearly
		C) Cervix
		D) Ovary

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	-ON	OKTH ENTRY TECH
	DUCTION  Distriction of pagenesis  Distriction of pagenesis	GRIP ENTRY TEST BOOK SERIES
PEG	Lutelnizing hormone triggers.	12,000+ Question Bank
-	Lutel Mation of odye	- J DI COKUGNIO AL
7	A V MOIT II. PARISHULLED DISAN	D) Development of zygote  Se which is caused by
	1) Unit   9 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	C/ c caused by:
	p) Cessation of the policy transmitted disea.  B) Ovulation sexually transmitted disea.  Syphilis is a sexually transmitted disea.  Syphilis is a generational.	D) M
5	syphilis is a sexually transportation of secondary occyte that a sexually transportation of secondary occyte that the secondary occurs of the secondary occyte that the secondary occurs of the secondary occurs occurs of the secondary occurs of the secondary occurs	D) Mycobacterium avium
	a) lies of page.	c) Politination  C) Politination
	plec alization	C) Pollination
6	pischarge pischarge pischarge A) Fertilization A) Fertilization  A) Follicle formation  B) Follicle formation and melotic division in the secondar	D) Ovulation
	6) Pour melotic division	y oocyte proceeds as far and
	Secumentase	C) Prophase
	. upur	11) [6] 6 - 1
	AND ALLA MILLIAMINE WING CHELLIS	ices directly into material
ï	which spermatocyte	
	A) Primary B) Spermatogonia Uterus opens into the vagina through:	
	UterLin of	C) Fallopian tube
-	· CADVIA	
	at External and differentiate directly in	nto:
_	spermatocytes	C) Spermatozoa
	1) Securior	D) Spermatids
	B) Primary spermatocytes Treponema palladium causes:	
	- ANDRESSEE T	C) AIDS
	A) Gonornies	D) Syphilis
	B) Genital herpes Syphilis is caused by:	
2	Syphilis is commended	C) Nostoc
	Colmonece	D) Cyanobacteria
	_ trater Biodition	THE RESERVE
3	AIDS is caused by:	C) Virus
	A) Bacteria	D) Aiga
	B) Fungi The sperms are temporarily stored in	45 33
Ä	The sperms are company	C) Vas deferens
	A) Vas efferens	D) Bladder 4
	B) Epididymis	
5	What do the ovaries produce?	C) Embryos
	A) Semen	D) Egg cells
	B) Sperm Which two events are important parts	of each menstrual cycle?
6	Which two events are important parts	C) Menstruation & ovulation
	A) Ovulation & ejaculation	D) Fertilization & conception
	B) Menstruation & fertifization	
7	How many sperm cells come out during	C) Hundreds
	A) Just one	D) Millions
		and the following structures except:
8	B) Thousands In the normal male, there two of each	C) Seminal vesicles
	A) Epididymis	ma Man deference
	B) Prostate	D) vas deleters many mature fertilizable ova?
9	Each opgonia containing 46 chromoso	omes produces how many mature fertilizable ova?
	A) Several millions	
	B) 400	O) 1 roduced from 10 spermatogonia and 10 secondar
O	How many spermatozolds will be pr	roduced from 10 spermatogotta
_	spermatocytes?	
	A) 20 & 20	C) 40 & 20
	B) 20 & 10 .	D) 10 & 20
1	Main duct of male reproductive tract	to man is:
-		() 493 021
	A) Seminiferous tubule	the state of the s
	B) Sperm duct All of the following hormones are inv	olved in the menstrual cycle except
72	BU Of the following baccoones are INV	Mit American
72	the state idilitating that moties to a	C) LH
72	A) Estrogen  B) Prolactin	C) LH D) Progesterone

Q.73	The formation of sperms occurs at:	at 246°
	A) 37C*	[.] 370
	B) 36C"	D) 40C*
Q.74		C) Germinal epithelial cell
4.5.	A) Spermatogogium	Corondary Spermatocytes
	B) Primary spermatocytes	through the reproductive tree
Q.75	Which is the correct path of an unit	Vagina C) Ovary → Uterus → Fallopian tube → Vagina D) Ovary → Fallopian tube → Uterus → Vagina
4	as a sure or subset a forest of Diffills 7	Fallonian tupe -> Liter - Wills
	B) Ovary -> Uterus -> Vagina	through the male reproductive system?
Q.76	Which is the correct path of sperm	through
dura	Which is the correct part of specific A) Testes → Vas deferens → Epididymis	s - Urethra
	A) Testes → Vas deferens → Epididymis → Vas deferens  B) Testes → Epididymis → Vas deferens	s -y ofcore
	B) Testes → Epididymis → Vas dercises  C) Testes → Urethra → Epididymis → Vas	as deference
	C) Testes → Urethra → Epidoymus → Vas  D) Testes → Epididymis → Penis → Vas	elen is incorrect?
Q.77	D) Testes -> Epididymis -> Penis -> Vas Which statement about egg produc	the and is fertilized
4	A R. Adamson of Mark Collins and Lead Prints	
	A) Meiosis is not completed until after     B) At birth, a female has all the eggs si	by a follocie that helps the egg to mature
	at a set devialoging and in some	
	the Four edgs result from melosis	war-out from meiosis in egg production?
Q.78	How is melosis in sperm production	nd three polar bodies are formed
•		
	B) In egg production, melosis before	both
	D) In egg production, the mature before     O) In the male, gametes mature before     D) In sperm production, four equal game	netes are produced
	D) In sperm production, roof equal you Why can't viral STDs be treated wit	h antiblotics?
Q.79	Why can't viral STDs be distinct so the	person does not know he or she is infected
	B) They destroy the antibiotics C) The viruses hide inside cells where a	ntibiotics cannot reach
	D) Antibiotics have no effect on viruses	
		s called:
Q.80	Copulatory organi in manuscript	C) Pents
	A) Panetrating device	D) Vulva
	B) Glans penis Two principal functions of the testis	are:
Q.81	Two principal tollegates as a series	C) Produce testosterone
	A) Produce sperm	D) None -
	6) Both 'a' 8. 'b' The sperm maturation site is:	9
Q.82	As Commissions tubulas	- C) Epididymis
	W) Dellanger and and	D) Seminal vesicles
	B) Prepuce Loose fold of skin endirding the glad	The state of the s
2.83		C) Epididymis
	A) Scrotum	O) Membranous Urethra
	B) Prepuce In human females, egg at Si	
.84		C) Mature ovum
	A) Secondary docyte	D) Oogonium
	B) Primary oocyte	, –
	In human females, melosis in oogen	
	A) 4	C) 3
	B) 2	D) 1
	Which is not included in external ge.	
- 1	N) Ovaries	C) Oviduct
	) Uterus	D) All of these
37 C	conversion of primary spermatocyte	s to secondary spermatocytes involves:
	) Differentiation	C) Mitosis
	) Meiosis I	D) Meiosis II
	irst polar body is produced alongsid	-
	Oogonium	
	Secondary oocyte	C) Primary cocyte
D,	Decomony GULYLE	D) Mature ovum

-	DUCTION	1000 19, 1, lift may 5
	MANUAL OF SDRITTIE In A	The same
0.59	pathway of sperms in human majes is?  A) Internal urethra > Epididymis > Vas defend  B) Seminiferous tubules > Epididymis > Vas defend  C) Epididymis > Seminiferous tubules > Vas  D) Seminiferous tubules > Vas deferens > Vas  Stimulates ovulation:  A) Testosterone  B) Luteinizing hormone (LLI)	GRIP ENTRY TEST BOOK SERIES  12,000+ Question Bank  deferens > Into
	TO CANTILLE IN COLUMN TO THE TARE A	ALTE YOU
	C) Epididymis -> Seminiferous tubules -> Vas D) Seminiferous tubules -> Vas deferens -> Vas Stimulates ovulation: A) Testosterone B) Luteinizing hormone (LH) Which is not a function of estropens	ens 12 TEST IN
	- Semplerous tubular Vas	des Seminis
	D) Selfinos Dividades -> Vas defera Vas	ens > Seminiferous tubules  deferens > Internal tubules
Q.90	Summates ordination:	deferens internal doules
Q.s.	A) Testosterone	Internal Crethra
	B) Luternizing normone (LH)	THE PARTY OF THE P
. 40.0	441.	'/ C/B.
Q.91	A) It causes the fallopian tub-	D) Follows
	A) It causes the fallopian tubes to develop  B) It controls the development of female sex  C) It causes egg cells to develop before leaving  D) It prepares the uterus for pregnancy  Fertilization occurs in the proving the sex  Control of the sex of the	D) Follicle stimulating hormone (FSH)
	c) It causes egg cells to do female	horating hora
	n) It prepares the utages to before	ual cha-
	B) It controls the development of female sex C) It causes egg cells to develop before leaving D) It prepares the uterus for pregnancy Fertilization occurs in the proximal part B) Uterine tube	ing the
Q.92	A) Oviduct	Ovaries
	B) Uterine tube	
Q.93	primary oocytes in females	C) Fallopian
	B) Uterine tube  Primary oocytes in females are formed to Secondary oocytes  B) Germ cells  Second melotic division in the opcuta-	All of the
	B) Germ cells	The mitotic
0.94	Second melotic division in a	C) Oviduet division of
Mary .	A) Metaphase is reached	D) 00000
	B) It is differentiated	S hot compt.
Q.95	B) Germ cells  Second melotic division in the oocytes is  A) Metaphase is reached  B) It is differentiated  Which of the following is the function of  A) Thickening and vascularization of uterine  B) Sends negative feedback to see	C) It becomes mature  D) It is fertilized.
Q.sə	A) Thickening and vascularization of uterine  B) Sends negative feedback to FSH	D) It is fertilized by sperm Walls
	R) Souds and Vascularization of	estrone lertilized by an
	B) Sends negative feedback to FSH  C) Stimulates the release	walls sperm
	C) Stimulates the release of Luc-	3
	C) Stimulates the release of LH from anterio  One which has no release	P Dibuin.
Q.96	One which has no relation to menstrual	and the second s
	A) FSH menstrual	Cycle
	B) LTH	-1081
Q.97	Sexually transmissed as	C) LH
	contacts with	D) Progesterne
	06 CC	ontrolled or no
	A) Carriero	or prevent-1.
	A) Carriers	or prevented by avoiding several
	Sexually transmitted diseases can be contacts with:  A) Carriers  B) Normal persons	* * ** * * * * * * * * * * * * * * * *
Q.98	Genital herpes is caused by:	* * ** * * * * * * * * * * * * * * * *
	A) Retrovirus	C) Affected persons D) Both 'a' & 'b'
Q.98	Genital herpes is caused by: A) Retrovirus B) DNA virus	D) Both 'a' & 'b'
Q.98	Genital herpes is caused by: A) Retrovirus B) DNA virus	D) Both 'a' & 'b'
Q.98	A) Retrovirus  B) DNA virus  Pathogen causing Gonorrhea	D) Both 'a' & 'b'
Q.98	Genital herpes is caused by:  A) Retrovirus  B) DNA virus  Pathogen causing Gonorrhea, mainly of  A) Ovaries	C) Virion D) All of these
Q.98 Q.99	Genital herpes is caused by:  A) Retrovirus  B) DNA virus  Pathogen causing Gonorrhea, mainly of  A) Ovaries  B) Urinogenital tract	C) Virion D) All of these  (C) Oviducts
Q.98 Q.99	Genital herpes is caused by:  A) Retrovirus  B) DNA virus  Pathogen causing Gonorrhea, mainly of  A) Ovaries  B) Urinogenital tract  Sertoll cells are found in	C) Virion D) All of these
Q.98 Q.99	Genital herpes is caused by:  A) Retrovirus  B) DNA virus  Pathogen causing Gonorrhea, mainly of  A) Ovaries  B) Urinogenital tract	D) Both 'a' & 'b'  C) Virion D) All of these  (C) Oviducts D) Uterus
Q.98 Q.99	Genital herpes is caused by:  A) Retrovirus  B) DNA virus  Pathogen causing Gonorrhea, mainly of  A) Ovaries  B) Urinogenital tract  Sertoli cells are found in  A) seminiferous tubules	D) Both 'a' & 'b'  C) Virion D) All of these  (C) Oviducts D) Uterus
Q.99 Q.99 Q.100	Genital herpes is caused by:  A) Retrovirus  B) DNA virus  Pathogen causing Gonorrhea, mainly of  A) Ovaries  B) Urinogenital tract  Sertoll cells are found in  A) seminiferous tubules  B) seminal vesicle	D) Both 'a' & 'b'  C) Virion D) All of these  (fects C) Oviducts D) Uterus  C) between interstitial ceils
Q.99 Q.99 Q.100	Genital herpes is caused by:  A) Retrovirus  B) DNA virus  Pathogen causing Gonorrhea, mainly of  A) Ovanes  B) Urinogenital tract  Sertoli cells are found in  A) seminiferous tubules  B) seminal vesicle  Fertilization of the ovum normally occur	D) Both 'a' & 'b'  C) Virion D) All of these  (fects C) Oviducts D) Uterus  C) between interstitial ceils
Q.99 Q.99 Q.100	Genital herpes is caused by:  A) Retrovirus  B) DNA virus  Pathogen causing Gonorrhea, mainly of  A) Ovaries  B) Urinogenital tract  Sertoll cells are found in  A) seminiferous tubules  B) seminal vesicle  Fertilization of the ovum normally occu  A) in distal part of oviduct	D) Both 'a' & 'b'  C) Virion D) All of these  fects C) Oviducts D) Uterus  C) between interstitial ceils D) epididymis
Q.99 Q.99 Q.100	Genital herpes is caused by:  A) Retrovirus  B) DNA virus  Pathogen causing Gonorrhea, mainly of  A) Ovaries  B) Urinogenital tract  Sertoll cells are found in  A) seminiferous tubules  B) seminal vesicle  Fertilization of the ovum normally occu  A) in distal part of oviduct	D) Both 'a' & 'b'  C) Virion D) All of these  [fects - C) Oviducts D) Uterus  C) between interstitial ceils D) epididymis  (C) along the uterine wall
Q.99 Q.100 Q.101	Genital herpes is caused by:  A) Retrovirus  B) DNA virus  Pathogen causing Gonorrhea, mainly of  A) Ovaries  B) Urinogenital tract  Sertoll cells are found in  A) seminiferous tubules  B) seminal vesicle  Fertilization of the ovum normally occur  A) in distal part of oviduct  B) in proximal part of oviduct	D) Both 'a' & 'b'  C) Virion D) All of these  fects C) Oviducts D) Uterus  C) between interstitial ceils D) epididymis
Q.99 Q.100 Q.101	Genital herpes is caused by:  A) Retrovirus  B) DNA virus  Pathogen causing Gonorrhea, mainly of  A) Ovaries  B) Urinogenital tract  Sertoli cells are found in  A) seminiferous tubules  B) seminal vesicle  Fertilization of the ovum normally occur  A) in distal part of oviduct  B) in proximal part of oviduct  Embryo implants in the	D) Both 'a' & 'b'  C) Virion D) All of these  (fects C) Oviducts D) Uterus  C) between interstitial ceils D) epididymis  (c) along the uterine wall D) successfully in vagina
Q.99 Q.100 Q.101	A) Retrovirus  B) DNA virus  Pathogen causing Gonorrhea, mainly of  A) Ovaries  B) Unnogenital tract  Sertoll cells are found in  A) seminiferous tubules  B) seminal vesicle  Fertilization of the ovum normally occur  A) in distal part of oviduct  B) in proximal part of oviduct  Embryo implants in the  A) perimetrium	D) Both 'a' & 'b'  C) Virion D) All of these  (C) Oviducts D) Uterus  C) between interstitial ceils D) epididymis  (C) along the uterine wall D) successfully in vagina of the uterus
Q.99 Q.100 Q.101 Q.102	Genital herpes is caused by:  A) Retrovirus  B) DNA virus  Pathogen causing Gonorrhea, mainly of  A) Ovaries  B) Urinogenital tract  Sertoll cells are found in  A) seminiferous tubules  B) seminal vesicle  Fertilization of the ovum normally occu  A) in distal part of oviduct  B) in proximal part of oviduct  Embryo implants in the  A) perimetrium  B) myometrium	D) Both 'a' & 'b'  C) Virion D) All of these  (C) Oviducts D) Uterus  C) between interstitial cells D) epididymis  (C) along the uterine wall D) successfully in vagina of the uterus C) endometrium
Q.99 Q.100 Q.101 Q.102	Genital herpes is caused by:  A) Retrovirus  B) DNA virus  Pathogen causing Gonorrhea, mainly of  A) Ovaries  B) Urinogenital tract  Sertoll cells are found in  A) seminiferous tubules  B) seminal vesicle  Fertilization of the ovum normally occu  A) in distal part of oviduct  B) in proximal part of oviduct  Embryo implants in the  A) perimetrium  B) myometrium	D) Both 'a' & 'b'  C) Virion D) All of these  (C) Oviducts D) Uterus  C) between interstitial cells D) epididymis  (C) along the uterine wall D) successfully in vagina of the uterus C) endometrium
Q.99 Q.100 Q.101 Q.102	Genital herpes is caused by:  A) Retrovirus  B) DNA virus  Pathogen causing Gonorrhea, mainly of  A) Ovaries  B) Urinogenital tract  Sertoli cells are found in  A) seminiferous tubules  B) seminal vesicle  Fertilization of the ovum normally occur  A) in distal part of oviduct  B) in proximal part of oviduct  Embryo implants in the  A) perimetrium  B) myometrium  Spermatozoa are stored prior to emission and	D) Both 'a' & 'b'  C) Virion D) All of these  (C) Oviducts D) Uterus  C) between interstitial ceils D) epididymis  (C) along the uterine wall D) successfully in vagina of the uterus C) endometrium
Q.99 Q.100 Q.101 Q.102	A) Retrovirus  B) DNA virus  Pathogen causing Gonorrhea, mainly of  A) Ovaries  B) Unnogenital tract  Sertoll cells are found in  A) seminiferous tubules  B) seminal vesicle  Fertilization of the ovum normally occur  A) in distal part of oviduct  B) in proximal part of oviduct  Embryo implants in the  A) perimetrium	D) Both 'a' & 'b'  C) Virion D) All of these  (C) Oviducts D) Uterus  C) between interstitial ceils D) epididymis  (C) along the uterine wall D) successfully in vagina of the uterus C) endometrium D) cerviii and ejaculation in
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0.15	Thin filaments have a diameter	of t
4	A) 1-2 pm	E) / 0 1 1 1 1
	B) 10-60 pm	p) 16 nm
0.16	Thin filaments are composed of	chiefly of: C) Troponin
	A) Actin	D) Actin, Tropomyosin and troponio
	B) Tropomyosin	binds to actin chain, another to
Q.17	Out of three polypeptides of tr	oponin one binds to actin chain, another binds to
	Tropomyosin while third binds	C) Sodium ions
	A) Myosin	- s - s - t - t - c - c - t - c - c - c - c - c
	B) Collagen	and towalked in muscle contraction was a
Q.18	The hypothesis to explain all e	vents involved in muscle contraction was suggested by
	A ST	- 07
	B) H. Huxley and A F Huxley	
	C) A.F. Huxley	state collegatues
	D) H. Huxley and A F Huxley and	cross bridges of thick filaments become attached to
Q.19	During muscle contraction the	C) Binding sites of myosin filament
	A) Myosin filament	n) Actin Glament
	B) Binding sites on actin filament	onin molecule and cause them to:
Q.20	Caldum ions bind with the trop	C) Move slightly
	A) Extend	D) Remain in the same position
	B) Contract	me attached to the actin filament:
Q.21	A) ATP is synthesized and the bri	doe noes to its cycle
	B) ATP is hydrolyzed and the brid	ne to its cycle goes
	C) ATP is synthesized and the brid	the becomes fixed
	D) ATP is hydrolyzed and the brid	ge becomes fixed
0.21	How do skeletal muscles move	sones?
Q.ss	A) When they contract, they push o	n the bones in a joint
	B) When they contract, they length	en and move the bones in a joint
	C) When they contract, they pull on	bones in a joint
	D) When they contract, they pull on	ligaments attached to bones
Q.23	How does smooth muscle appea	r different from cardiac muscle under a microscope?
4.23	A) Smooth muscle tissue has oval-si	haped cells with many nucler
	B) Smooth muscle tissue has rectan	
	) Smooth muscle tissue has dark b	
	_ •	ids and has cells with one nucleus
	What role does a calcium ion play	
_		is and exposes sites on act in for myosin to grab
	) A calcium ion is part of an enzymi	_
		in the presence of a Ca++ to let actin into the fiber
		eleased from the Z-line so it can contract
	keletal muscle whose contractio	
	Extensor	-
	Antagonistic	C) Flexor
*	hich of the following is not a fle	D) None of these
	Bicep	
	Brachialis	C) Brachioradilus
		D) Tricep
2-47 PL	Extended muscle whose contracti	on extends or stretches a body part is called:
~1	Cyteron	C) Flexor
	Antagonistic	D) None of these
.28 W	ich of the following is an exten	sor muscle?
MJ I	orcep	C) Brachioradilus
B) (	Brachialis	D) T i
.29 Wh	ich of the following is inserted	in the wina?
77.5	wideh.	
B) B	irachialis	C) Brachioradilus
		D) Tricep

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GRIP ENTRY TEST BOOK SERTES 12,000+ Question Bank  One which is not a part of thin filament?  One which is not a part of the and propagation of the adjacent envelope of sarcoplasmic reticulur make:  One which is not a part of the adjacent envelope of sarcoplasmic reticulur make:  One which is not a part of the adjacent envelope of sarcoplasmic reticulur make:  One of these  One of the sarch and the particular and t		AND MOVEMENT	GRIP ENTRY TEST BOOK SERIES 12,000+ Question Bank
A page   A page	STIP PE	is not a part of thin filament?	
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By December	2.30	AT ACTIO	D) Tropomyosin
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A) Carrowse (a) Lisaments (b) Myosin fibers (c) Sarcomere		Muscles are bounted	C) Tendons
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make: A) T-system B) Motor unit A) Motor uni		an Ligaments and the terminal portion of the	e adjacent envelope of sarcoplasmic reticulur
A) T-system B) Notor unit The A-band of striated muscle represents: A) Myosin only B) Seth 's 's 'b D) Calcium channels B) Sarcoplasm contains: C) Glycogen D) None of these Postria S 'b All the fibrils of a muscle fiber participate in contraction; it is: C) All or none principal D) None of these Postria S 'b All the fibrils of a muscle fiber participate in contraction; it is: C) All or none principal D) None of these Postria S 'b All the fibrils of a muscle fiber participate in contraction; it is: C) All or none principal D) None of these Postria S 'b All the fibrils of a muscle fiber participate in contraction; it is: C) All or none principal D) None of these Postria S 'b Postria S 'c	1.33	and the state of t	
Section   Sect		A) T-system	D) Triad
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C) Cardiac  A voluntary  E Skeetal  When the muscle is required to contract, it needs  C) Displacement of Tropomyosin  D) All of these  C) Group of many sensor neurons  D) Same motor nerve  C) Group of many sensor neurons  D) Same motor nerve  D) Same motor nerve  C) The function of the T tubules in muscle contraction is to:  The function of the T tubules in muscle contraction is to:  D) Social ATP  C) The T Tubule  D) The sarcoplasmic reticulum  D) The sarcoplasmic reticulum  D) The sarcoplasmic reticulum  C) Actin, myosin, ADP  A) Actin myosin, calcium ions  D) Myosin, ATP, myoglobin  B) Actin, ATP, myoglobin  C) Actin, myosin, ATP, myoglobin  B) Actin, ATP, myoglobin  C) Troponin  C) Troponin  C) Troponin  D) Calmodulin			D) MOII-Scrimen
2. ** **Contar**		state found in umbilical cord are:	C) Cardiac
When the muscle is required to contract, it needs  C) Displacement of Tropomyosin  D) All of these  District of binding sites for troponin  D) All of these  C) Group of many sensor neurons  D) Same motor nerve  D) Same motor nerve  D) Same motor nerve  D) Same motor nerve  C) The function of the T tubules in muscle contraction is to:  C) The function of the T tubules in muscle cell  D) Social ATP  C) The T Tubule  D) The sarcoplasmic reticulum  D) The sarcoplasmic reticulum  D) The sarcoplasmic reticulum  C) Actin, myosin, ADP  A) Actin myosin, Calcium ions  D) Myosin, ATP, myoglobin  D) Actin, ATP, myoglobin  E) Actin, ATP, myoglobin  C) Actin, myosin, ATP, myoglobin  E) Actin, ATP, myoglobin  C) Troponin  D) Calmodulin	0.40	Muscles Touris	
2.42 All the muscle ribers are innervated by: 2.43 The function of the T tubules in muscle contraction is to: 2.43 The function of the T tubules in muscle contraction is to: 2.44 At the start of a muscle contraction, calcium ions are released from: 2.45 Which of the following chemicals are necessary to sustain a muscle contraction: 2.46 Which of the following chemicals are necessary to sustain a muscle contraction: 2.46 To which of the following cellular components dose calcium bind to initiate a muscular in smooth muscle: 2.46 To which of the following cellular components dose calcium bind to initiate a muscular in smooth muscle: 2.47 Troponin 2.48 D) Calmodulin 2.49 Actin 3.40 D) Calmodulin		7 (6/6/4/3)	D) Shoot-
2.42 All the muscle ribers are innervated by: 2.43 The function of the T tubules in muscle contraction is to: 2.43 The function of the T tubules in muscle contraction is to: 2.44 At the start of a muscle contraction, calcium ions are released from: 2.45 Which of the following chemicals are necessary to sustain a muscle contraction: 2.46 Which of the following chemicals are necessary to sustain a muscle contraction: 2.47 Actin myosin, calcium ions 3.48 Actin myosin, calcium ions 4.48 Actin myosin, calcium ions 5.48 Actin myosin, calcium ions 6.48 Actin myosin, calcium ions 6.49 Actin, ATP, myoglobin 7.49 Actin myosing cellular components dose calcium bind to initiate a muscular in amooth muscle: 4.50 Actin 6.51 Actin 7.52 Actin 7.53 Actin 7.54 Actin 7.55 Actin		Entracte is required to contract,	or preplacement of Tropomyosin
All the muscle fibers are innervated by:  2.42 All the muscle fibers are innervated by:  2.43 The function of the T tubules in muscle contraction is to:  2.43 The function of the T tubules in muscle contraction is to:  2.44 At the start of a muscle contraction, calcium ions are released from:  2.45 D) The T Tubule  2.46 Which of the following chemicals are necessary to sustain a muscle contraction:  2.46 To which of the following cellular components dose calcium bind to initiate a muscular in amooth muscle:  2.47 Actin  2.48 To which of the following cellular components dose calcium bind to initiate a muscular in amooth muscle:  2.49 Actin  2.40 Troponin  2.41 D) Calmodulin	2 41	When the most	C) Displacement
All the muscle houses of the T tubules in muscle contraction is to:  Q.43 The function of the T tubules in muscle contraction is to:  Q.44 At the start of a muscle contraction, calcium ions are released from:  Q.45 Which of the following chemicals are necessary to sustain a muscle contraction:  Q.45 Which of the following chemicals are necessary to sustain a muscle contraction:  Q.45 Which of the following chemicals are necessary to sustain a muscle contraction:  Q.46 To which of the following cellular components dose calcium bind to initiate a muscular in smooth muscle:  Q.46 To which of the following cellular components  Q.47 Troponin  Q.48 On the following cellular components dose calcium bind to initiate a muscular in smooth muscle:  Q.48 To which of the following cellular components dose calcium bind to initiate a muscular in smooth muscle:  Q.49 Troponin  Q.40 On the Tubule  Q.40 Troponin  Q.41 Actin  Q.42 Troponin  Q.43 Actin  Q.45 Troponin  Q.46 To which of the following cellular components dose calcium bind to initiate a muscular in the following cellular components dose calcium bind to initiate a muscular in the following cellular components dose calcium bind to initiate a muscular in the following cellular components dose calcium bind to initiate a muscular in the following cellular components dose calcium bind to initiate a muscular in the following cellular components dose calcium bind to initiate a muscular in the following cellular components dose calcium bind to initiate a muscular in the following cellular components dose calcium bind to initiate a muscular in the following cellular components dose calcium bind to initiate a muscular in the following cellular components dose calcium bind to initiate a muscular in the following cellular components dose calcium bind to initiate a muscular in the following cellular components dose calcium bind to initiate a muscular in the following cellular components dose calcium bind to initiate a muscular in the following cellular components dose calcium bind		A -3 - masstes for troponin	D) Will Di Circisc
5) Same mounters  5) Same mounters  7.43 The function of the T tubules in muscle contraction is to:  7.44 The start of a muscle contraction, calcium ions are released from:  8.44 At the start of a muscle contraction, calcium ions are released from:  9.45 The T Tubule  9.46 Which of the following chemicals are necessary to sustain a muscle contraction:  9.46 Which of the following chemicals are necessary to sustain a muscle contraction:  9.46 To which of the following cellular components dose calcium bind to initiate a muscular in smooth muscle:  9.46 To which of the following cellular components  C) Troponin  C) Calmodulin		there are innervated by:	The Second of many sensor neurons
2.43 The function of the T tubules in muscle contraction is to:  The function of the T tubules in muscle cell  Selection of the myofienis of the muscle cell  D) Selection of a muscle contraction, calcium ions are released from:  C) The T Tubule  D) The sarcoplasmic reticulum  D) The sarcoplasmic reticulum  C) Actin, myosin, ADP  A) Actin myosin, calcium ions  D) Myosin, ATP, myoglobin  D) Myosin, ATP, myoglobin  E) Actin, ATP, myoglobin  C) To which of the following cellular components dose calcium bind to initiate a muscular in smooth muscle:  C) Troponin  D) Calmodulin	0.42	All the muscle mounts	C) Grosp or marior nerve
D) Sole ATP  Q.44 At the start of a muscle contraction, calcium ions are released from:  C) The T Tubule  D) The sarcoplasmic reticulum  D) The sarcoplasmic reticulum  C) Actin, myosin, amuscle contraction:  C) Actin, myosin, ADP  A) Actin, myosin, calcium ions  D) Myosin, ATP, myoglobin  B) Actin, ATP, myoglobin  C) Actin, myosin, ATP, myoglobin  C) Troponin  C) Troponin  C) Troponin  D) Calmodulin		at single son negret	D) Same filotor for
D) Sole ATP  Q.44 At the start of a muscle contraction, calcium ions are released from:  C) The T Tubule  D) The sarcoplasmic reticulum  D) The sarcoplasmic reticulum  C) Actin, myosin, amuscle contraction:  C) Actin, myosin, ADP  A) Actin, myosin, calcium ions  D) Myosin, ATP, myoglobin  B) Actin, ATP, myoglobin  C) Actin, myosin, ATP, myoglobin  C) Troponin  C) Troponin  A) Actin  C) Troponin  D) Calmodulin		5) Send	ontraction is to
D) Sole ATP  Q.44 At the start of a muscle contraction, calcium ions are released from:  C) The T Tubule  D) The sarcoplasmic reticulum  D) The sarcoplasmic reticulum  C) Actin, myosin, amuscle contraction:  C) Actin, myosin, ADP  A) Actin, myosin, calcium ions  D) Myosin, ATP, myoglobin  B) Actin, ATP, myoglobin  C) Actin, Myosin, ATP, myoglobin  C) Troponin  C) Troponin  A) Actin  C) Troponin  D) Calmodulin	2.43	The function of the myofibrils of the	muscle cen
D) Solic ATP  Q.44 At the start of a muscle contraction, calcium ions are released from:  C) The T Tubule  D) The sarcoplasmic reticulum  D) The sarcoplasmic reticulum  C) Actin, myosin, ADP  C) Actin, myosin, ADP  D) Myosin, ATP, myoglobin  B) Actin, ATP, myoglobin  C) Actin, myosin, ATP, myoglobin  C) Troponin  Q.46 To which of the following cellular components dose calcium bind to initiate a muscular in smooth muscle:  C) Troponin  D) Calmodulin	•		
D) Soil ATP  Q.44 At the start of a muscle contraction, calcium ions are released from:  C) The T Tubule  D) The sarcoplasmic reticulum  D) The sarcoplasmic reticulum  C) Actin, myosin, ADP  A) Actin, myosin, ADP  A) Actin, myosin, Calcium ions  D) Myosin, ATP, myoglobin  D) Actin, ATP, myoglobin  E) Actin, ATP, myoglobin  C) To which of the following cellular components dose calcium bind to initiate a muscular in smooth muscle:  C) Troponin  C) Troponin  D) Calmodulin		in age the a	
Q.44 At the start of a muscle contraction, calcium ions are released.  C) The T Tubule  D) The sarcoplasmic reticulum  D) The sarcoplasmic reticulum  D) The sarcoplasmic reticulum  C) Actin, myosin, ADP  A) Actin myosin, calcium ions  D) Myosin, ATP, myoglobin  D) Myosin, ATP, myoglobin  D) Actin, ATP, myoglobin  C) Actin bind to initiate a muscular in amooth muscle:  C) Troponin  C) Troponin  D) Calmodulin		E de region de la constante de	alexand from:
Q 45 Which of the following chemicals are necessary to sustain a muscle control of the following chemicals are necessary to sustain a muscle control of the following chemicals are necessary to sustain a muscle control of the following chemicals are necessary to sustain a muscle control of the following chemicals are necessary to sustain a muscle control of the following chemicals are necessary to sustain a muscle control of the following chemicals are necessary to sustain a muscle control of the following chemicals are necessary to sustain a muscle control of the following chemicals are necessary to sustain a muscle control of the following chemicals are necessary to sustain a muscle control of the following chemicals are necessary to sustain a muscle control of the following chemicals are necessary to sustain a muscle control of the following chemicals are necessary to sustain a muscle control of the following chemicals are necessary to sustain a muscle control of the following chemicals are necessary to sustain a muscle control of the following chemicals are necessary to sustain a muscle control of the following chemicals are necessary to sustain a muscle control of the following chemicals are necessary to sustain a muscle control of the following chemicals are necessary to sustain a muscle control of the following chemicals are necessary to sustain a muscle control of the following chemicals are necessary to sustain a muscle control of the following chemicals are necessary to sustain a muscle control of the following chemicals are necessary to sustain a muscle control of the following chemicals are necessary to sustain a muscle control of the following chemicals are necessary to sustain a muscle control of the following chemicals are necessary to sustain a muscle control of the following chemicals are necessary to sustain a muscle chemical of the following chemicals are necessary to sustain a muscle chemical of the following chemicals are necessary to sustain a muscle chemical of the following chemicals are		D) Soil ATP	um ions are released to
Q 45 Which of the following chemicals are necessary to sustain a muscle control of the following chemicals are necessary to sustain a muscle control of the following chemicals are necessary to sustain a muscle control of the following chemicals are necessary to sustain a muscle control of the following chemicals are necessary to sustain a muscle control of the following chemicals are necessary to sustain a muscle control of the following chemicals are necessary to sustain a muscle control of the following chemicals are necessary to sustain a muscle control of the following chemicals are necessary to sustain a muscle control of the following chemicals are necessary to sustain a muscle control of the following chemicals are necessary to sustain a muscle control of the following chemicals are necessary to sustain a muscle control of the following chemicals are necessary to sustain a muscle control of the following chemicals are necessary to sustain a muscle control of the following chemicals are necessary to sustain a muscle control of the following chemicals are necessary to sustain a muscle control of the following chemicals are necessary to sustain a muscle control of the following chemicals are necessary to sustain a muscle control of the following chemicals are necessary to sustain a muscle control of the following chemicals are necessary to sustain a muscle control of the following chemicals are necessary to sustain a muscle control of the following chemicals are necessary to sustain a muscle control of the following chemicals are necessary to sustain a muscle control of the following chemicals are necessary to sustain a muscle control of the following chemicals are necessary to sustain a muscle control of the following chemicals are necessary to sustain a muscle control of the following chemicals are necessary to sustain a muscle chemical of the following chemicals are necessary to sustain a muscle chemical of the following chemicals are necessary to sustain a muscle chemical of the following chemicals are	0.44	At the start of a muscle contract	C) The T Tubule
Q.46 To which of the following cellular components dose calcium bind to the Q.46 To which of the following cellular components dose calcium bind to the Q.46 To which of the following cellular components dose calcium bind to the Q.46 To which of the following cellular components dose calcium bind to the Q.46 To which of the following cellular components dose calcium bind to the Q.46 To which of the following cellular components dose calcium bind to the Q.46 To which of the following cellular components dose calcium bind to the Q.46 To which of the following cellular components dose calcium bind to the Q.46 To which of the following cellular components dose calcium bind to the Q.46 To which of the following cellular components dose calcium bind to the Q.46 To which of the following cellular components dose calcium bind to the Q.46 To which of the following cellular components dose calcium bind to the Q.46 To which of the following cellular components dose calcium bind to the Q.46 To which	4.00	1 - 1 - 1	D) The sarcopiastine tuscie contraction:
2.46 To which of the following cellular components dose calcium bind to the calcium bind to th		D. The project neutron	essary to sustain # IDP
2.46 To which of the following cellular components dose calcium bind to mostly muscles  A) Actin  D) Calmodulin	22.0	Which of the following chemicals	C) Actin, myosin, nor myonioten
8) Actin, ATP, myoglobin C.46 To which of the following cellular components dose calcium and components dose calci	6 42	A) A tel myosin, cakrum ions	D) Myosin, Ally, myogad to initiate a muscular in
A) Actin		S. A. S.O. ATP. Imyoglobid	ents dose calcium units
A) Actin		To which of the following cellular total	
A) Actin	Ų. 46	10 mach muscle)	C) Troponin
E) ACTOR		SUNGOCH INTO	D) Calmodulin



Q.47	Thin filaments in myofibrils consist of	C) Sarcomeres
	A) Actin and accessory proteins	C) Sarcomeres
	B) Cross-bridges	D) Z lines
Q.48	Which of the following changes occurs	when a skeletal muscle contract->
	A) The a bands shortens	C) The I bands shortens
_	B) The Z lines slide farther apart	D) The thin filaments contract
Q.49	All of the following celtular events invo	
	A) Amoeboid movement	C) Cytoplasmic streaming
	B) Contraction in smooth muscles	D) Flagellar movement in bacteria
Q.50	All of the following are found in vertebo	rate smooth muscle except;
	A) Sarcomeres	C) Thin filament
0.54	B) Thick filament	D) Tropomysin
Q.51	The sarcomere is the functional contrat	C) Capillary
	A) Nuclie  R) Municipal	D) Sarcoplasmic reticulum
Q.52	B) Myofibril The function unit of contractile system (	y -
Q.34		C) 2-band
	A) Sarcomere B) Sarcosome	D) Myofibril
-	Sarcomere la distance between:	2,11,010
	A) Two I-band	C) A and I band
	B) Two Z-band	D) Z and A band
0.54	The fundamental repeating unit of a ske	*
	A) Sarcomere	C) Motor unit
	to be the second of the second	D) Myosin cross bridge
0.55	The deep inflodings of muscle fiber mem	branes that conduct action potentials are called:
1	A) Sarcoplasmic reticula	C) Z lines
	3) Myofilaments	D) T tubules
	impoth Muscle Is:	
	) Voluntary and spindle shaped	C) Voluntary and striated
	) Involuntary and spindle shaped	D) Involuntary and striated
Q.57 S	keletal Muscle is:	
A	) Voluntary and spindle shaped	C) Voluntary and striated
B	) Involuntary and spindle shaped	D) Involuntary and striated
	ardiac Muscle is:	# 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
A)	Voluntary and spindle shaped	C) Voluntary and striated
B)	Involuntary and spindle shaped	D) Involuntary and striated
2.59 W	hich type of muscle cell is multinucleate	47
A)	Cardiac	C) Smooth
8)	Skeletal	D) All of the above
.60 Du	ring the muscle contraction which zone	decreases?
A).	I-zone	C) Z-zone
B) i	H-zone	D) M-zone
.61 The	role of calcium lons in muscle contract	ion is to:
A) F	actitate the binding of ATP	
B) 7	ingger depolarization of the membrane of m	uscle fibers
C) B	inding to a regulatory protein associated will	th actin, allowing cross bridges with myosin to rome
D) P	mmote release of vesicles containing transm	nitter molecules
52 The	reason that an A bond with in a sarcom	ere appears darker than adjacent I bands is
that		
	yofibrils are narrow in diameter at I bands.	
	ultiple nuclei tend to cluster within the A bai	nds
_	e cell membrane is more opaque near A ba	
	bands contain both actin and myosin, where	
_	tes is made up of many cells which are	
	_	C) Myofibrils
D) 291	rcolemma [	O) Muscles fiber

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STIPPE.	anth of myonura	C) Sarcolemma
1	and letter mare	C) Sarcolemma
64	A) Sarconna and desplay	D) Muscle fiber
	A) Sarcoplasm  B) Sarcoplasm ions released during	ny a muscle fiber contraction attach with
_	The Calculation	D) Muscle fiber ng a muscle fiber contraction attach with:  C) Actin
65	A) Myosin	D) Troponin
	6) Tropos condition resulting to	D) Troponin  rom the accumulation of lactic acid and ionic imbalance  C) Muscle fatigue
66	called:	C\ Musela tax
	A) Tetany	C) Muscle fatigue
	a) Cramp	D) Tetanus ed by a membrane which is called:  C) Sarcolemma
	rach muscle fibre is some	C) Consider which is called:
67	A) Sarcomere	C) Sarcolemma
	when calcium ions are releas	ed from the sarcoplasmic reticulum they bind with
Die.	THE WILLIAM STATES	
	AOMYUSHI	C) Sarcolemma
	B) Cytosol's lons	D) Troponin
	-t- repeated by	of myofibrils is called:
.69	A CARCOMETE	C) Zyomera
	a) Carcolettitie	D) Cross bridges
	MARK PREJUT IS INCHOIL	red in muscle contraction w
.70	produced by as secondary sou	rce:
	A) Glucose	C) Phosphocreatine
	es Emictose	D) Lactic acid
	The sarcolemma of muscle in	ber folds inwards and forms a sustain and forms
.71	through the sarcoplasm called	1:
	A) Myofilament	C) Sarcoplasmic reticulum
	B) Z-lines	D) Transverse tubules
- 45	According to sliding filamen	t theory, when muscle fibers are stimulated by nervo
2,72	system, which of the following	changes occurs?
	A) I-bands shorten	C) H-zone becomes more visible
	B) Z-lines move further apart	D) A-bands broaden
- 22		it blocks myosin from binding to actin?
[,/3	A) Acetylcholine	C) ATP
	B) Ca**	
	Muscles are connected to bon	D) Tropomyosin
[./•		
	A) Cross-bridges	C) Ligaments
	B) Tendons	D) Sutures
1./5	An acon thament consists of t	how many rows of actin proteins wrapped around each
	other?	
	A) 2	C) 4
	B) 10	D) Hundreds
(-10	What changes shape when m	yofilaments contract?
	A) Actin filaments	C) Z lines
	B) Myosin heads	D) All of the above
1.77	What is attached to Z lines in	a sarcomere?
	A) Myosin heads	C) Actin filaments
h m-	B) Myosin tails	Di Casa budan
4.7	The contracting units of a my	ofibril are called:
	A CASCIE CEILS	C) Extensors
A =-	B) Sarroplace	
₹.79	The contractile protein of ske	D) Sarcomeres
	A, Troponin	D) Sarcomeres stetal muscle involving ATPase activity is
	E) Myosin	C) (roponyosai
		D) Fibrin



Q-80 The atlas and axis vertebrae at	
A) lumbar region	C) thoracle region
B) cervical region	D) pelvic region
Q.81 Skeletal muscles contain dark t	pand, which are anisotropoic, are called
B) I band	D) M line
Q.82 The acetabulum provides the ar	
A) humerus	C) pelvis
8) femur  Q.83 Scapula is connected with sterm	D) fibula
Q.83 Scapula is connected with sterne A) ribs	C) clavicle
B) carpais	D) atlas
Q.84 Which statement correctly descri	
A) Unstriated involuntary with spindle	
B) Unstriated involuntary with multing	6.5%
C) Unstricted voluntary with uninuclea	
D) Striated involuntary with spindle sh	
Q.85 Thin myofilaments consist of	abe cell
A) actin, myosin, troponin	C) actin, tropomyosin, fibrin
, 8) actin, tropomyosin, troponin	
Q.86 Which of the following changes on	D) actin, myoglobin, troponin cur when skeletal muscle contracts?
A) The A- bands shorten	C) The Z- lines move further apart
B) The I- bands shorten	D) The He zone becomes
Q.87 A human internal organs are protec	D) The H- zone becomes more visible
A) hydrostatic skeleton	C) exoskeleton
B) awai skeleton 🦪 🔞	G) appendiculas skeletes
Q.88 Arm and leg muscles are arranged in	n antagonistic pairs. How does this affect their
functioning	their parist flow does this affect their
A) it provides a backup if one of the muse	les is injured
B) one muscle of the pair pushes while th	
C) it allows the muscles to produce oppos	
D) it doubles the strength of contraction	and the contents
leg"?	uman arm would correspond to the femur in the
A) radius	C) tibia
B) uina	
· ·	D) humerus
Q.90 The deep enfolding of the muscle fibre A) sarcoplasmic reticule	
	C) T-tubules
B) Z lines	D) sarcomeres
.91 Bone dissolving cells are called	
A) chondrocytes	C) osteoclasts
B) osteobiasts	D) osteocytes
92 Which of the following cartilage is foun	
A) calcified	C) elastic
B) fibrous	
-7	O) hyaline

Q.91

Q.92 N

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At times signments are overstretched or torn, it is called

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C) fracture

El dislocation

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C) fracture

El dislocation

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C) fracture

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C) fracture

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C) fracture

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C) fracture

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C) fracture

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C) fracture

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C) fracture

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C) fracture

# ANSWERS

E.	A	2.	C	3.	C	4.	A	3.	8						
9.	8	10.	С	11.	L	12.	0	13,		6.	C	7.	D	8.	C
_	0	18.	D	19.	8	20.	C	21.	A	14,	6	15.	¢	16.	Ā
17.	C	26.	D	27.	A	28.	٥	+	B	22,	C	23,	D	24.	A
25.	S	34.	В	35.	B	36.	C	39.	B	30.	C	31.	A	32.	C
33.	C	42.	D	43.	4	44.	D	37.		30.	C	39.	D	40.	D
41.	0	50.	4	51.	8	52.		45.	<u> </u>	46.	ō	47.	A	48.	C
49.	-	58.	C	59.	6	60.	A	53.	B	54.	A	55.	D	56.	В
57.		66.		67.		68.	9	61.	C	62.	ū	63.	D	64.	A
65.	2	74.	8	75.	4			69.	A	70.	С	71.	D	72.	A
73.	3	_	8	-		76,	ê.	77.	C	78.	D	79.	В	80.	В
81.	*	82.		83.		84.	A	85.	С	86.	8	87,	В	88.	C
29.	C	90.	-	91.	-	92.	C	93.	С	94.	C	95.		96.	



# VARIATION AND GENETIC/ INHERITANCE

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	A) VIII	The strong stron						
Q.2	B) XI	C) IX D) None of these						
4.4	A) X- lighed recession tool	salty because it is						
	The state of the s	C) X-linked dominant trait						
Q.3	D) An autosomal recession trad	455 Manual M Barbard Source						
4.3	Corne Certa Dave Specific light abroad	ing pentains called						
		C) Tubulin						
0.4	B) Opsins	P. Muncin						
Q.4	Gene for blue opain is present on a	utosome number						
		C) 21						
	9)8	D) II						
Q.5	True colour - blindness is							
	A) Monochromacy	C) Dichromacy						
	B) Both a and b	D) None of these						
Q.6	Tritanopia isblindnes	s & .						
	A) Red	C) Green						
	B) Blue	D) Both a and b						
Q.7	F2 generation in a mendellan cross	showed that both genotypic and phonon						
	F2 generation in a mendellan cross showed that both genotypic and phenotypic ratios are same as 1:2:1, it represents a case of.							
	A) Monohybrid cross with complete dom	unance						
	B) Monohybrid cross with incomplete do	minance						
	C) Co dominance							
-	D) Dihybrid cross							
Q.4	A test cross is carried out to.							
	6.1 Demotical submittees because beauty and trailing							
	A) Predict whether two traits are tinked							
	B) Assess the number of alleles of a gen							
	<ul> <li>B) Assess the number of alleles of a gen</li> <li>C) Determine whether two species or va</li> </ul>	neties will breed successfully						
Q.9	B) Assess the number of alleles of a gen     C) Determine whether two species or va     D) Determine the genotype of a plant at     A sex-linked recessive allele "c" pro	F2 Iduces red-green colour blindson at						
	B) Assess the number of alleles of a gen C) Determine whether two species or va D) Determine the genotype of a plant at A sex-linked recessive allele "c" pro- dominant allele is "C". A normal wo colour blind man. What proportion of A) 25%	reties will breed successfully F2 Induces red-green colour blindness. Its normal man whose father was Colour blind marries a of their children can have normal colour vision? C)50%						
Q.9	B) Assess the number of alleles of a gen C) Determine whether two species or va D) Determine the genotype of a plant at A sex-linked recessive allele "c" pro- dominant allele is "C". A normal wo colour blind man. What proportion of A) 25% B) 75%	reties will breed successfully F2 Induces red-green colour blindness. Its normal man whose father was Colour blind marries a of their children can have normal colour vision? C)50% D) 100%						
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Q.10 Q.11 Q.12	B) Assess the number of alleles of a gen C) Determine whether two species or va D) Determine the genotype of a plant at A sex-linked recessive allele "c" pro- dominant allele is "C". A normal wo colour blind man. What proportion of A) 25% B) 75% If a carrier haemophilic female (X"X will be the ratio of presence of had given condition. A) 100% all females and males will be ha B) females have 50% chances of getting C) Carrier female 25% . 25% normal mal D) Females and males both have 50% chances In genetics the term locus refers to the A) Position B) frequency	reties will breed successfully  F2  Induces red-green colour blindness. Its normal man whose father was Colour blind marries a of their children can have normal colour vision?  C)50%  D) 100%  The XMY is married to a hemophilic male (XMY) whemophilia in the children select best answer from the empohilic haemophilic male only ances of getting haemophilic male only ances of getting haemophilic male on the chromosome.  C) Copy  D) Inversion  and both are heterozygous for sickle cell anemoportion of affected homozygotes.  C)50%						
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Q.10 Q.11 Q.12 Q.13	B) Assess the number of alleles of a gen C) Determine whether two species or va D) Determine the genotype of a plant at A sex-linked recessive allele "c" pro- dominant allele is "C". A normal wo colour blind man. What proportion of A) 25% B) 75% If a carrier haemophilic female (X"X will be the ratio of presence of had given condition. A) 100% all females and males will be ha B) females have 50% chances of getting C) Carrier female 25%. 25% normal mal D) Females and males both have 50% chances and males both have 50% chances for the term locus refers to the term loc	reties will breed successfully  F2  Induces red-green colour bilindness. Its normal man whose father was Colour bilind marries a of their children can have normal colour vision?  C)50%  D) 100%  The XMY is married to a hemophilic male (XMY) whemophilia in the children select best answer from the empohilic haemophilic male and males will be 100% thaemophilic haemophilic male only ances of getting haemophilic male only ances of getting haemophilic male only of the gene on the chromosome.  C) Copy  D) Inversion  and both are heterozygous for sickle cell anemophilic oportion of affected homozygotes.  C)50%  D)25%  C) Recessive alleles  D) Incomplete dominance or both the alleles in the condition such a condition is called. 2018  C)Over dominance						
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Q.10 Q.11 Q.12 Q.13	B) Assess the number of alleles of a gen C) Determine whether two species or va D) Determine the genotype of a plant at A sex-linked recessive allele "c" pro- dominant allele is "C". A normal wo colour blind man. What proportion of A) 25% B) 75% If a carrier haemophilic female (X"X will be the ratio of presence of had given condition. A) 100% all females and males will be ha B) females have 50% chances of getting C) Carrier female 25%. 25% normal mal D) Females and males both have 50% chances and males both have 50% chances for the term locus refers to the term loc	reties will breed successfully  F2  Induces red-green colour blindness. Its normal man whose father was Colour blind marries a of their children can have normal colour vision?  C)50%  D) 100%  The XMY) is married to a hemophilic male (XMY) whemophilic in the children select best answer from the empohilic haemophilic male only ances of getting haemophilic male only ances of getting haemophilic male only ances of getting haemophilic male on the chromosome.  C) Copy  D) Inversion  and both are heterozygous for sickle cell anemophilic of affected homozygotes.  C)50%  D)25%  C) Recessive alteles  D) Incomplete dominance or both the alleles in the condition such a condition is called. 2018  C)Over dominance						

	ON AND GENETAL	GRIP ENTRY TEST BOOK SERIES
RIAT	Shape of seed in pea plant	12,000+ Question Bank
-	Shape of seed in per pumber of	D) Length of stem in pea plant
	Shape of seed in number of	1 401 14
6	A)46	7/62
1	3)80 of a cross over between	D)23
	CH W! -	c) Width
	A THEORY	- F ***   G   G   G   G   G   G   G   G   G
	8) Length Is the exact posi	D) Distance
	The state of the s	tion of a gene on the chromosome.
16		-) Ceotromera
		F3.1
		oit breeds with a black-furred rabbit and all of their offspring
19	have a prientity of gray	r. What does the gene for fur color in rabbits appear to be an
	example of?	
	A) Codominance  B) Incomplete dominance	C) Over dominance
	B) Incomplete sond group sys	DI C
.20	In the About type-AB blood.	
	A) Type-AB, type-A, and type-	a de la composición dela composición de la composición dela composición de la composición de la composición de la composición del composición de la composic
	B) Type-B and type-AB	C) Type-A and type-B
	a some for corn has two all	eles, one for yellow kernels and type-0
,21	nation of yellow corr	and white come and one for white kernels. Cross
	approximately even mix o	n and white corn results in ears of corn that have an experience white kernels. Which term best describes the
	relationship between the to	ND mileles? Which term best describes the
	A) Incomplete dominance	
	B) Over dominance	C) Genetic recombination D) Codominance
1.22	In pea plants, purple flower	ITS are dominant to white a
d-r-	plants are cross, what per	centage of their offspring will be white flowered?
	A) 0%	C) 25%
	B) 50%	D) 100%
Q.23	Based on what you have le	arned about Mendel's experiments with non-stands with non-stands
	Circ tonorring and an arrangement	a not contect.
	A) The allele for wrinkled see	ds is recessive to allele for smooth seeds
	<li>B) White flowers and purple f</li>	lowers are determined by different alleles of the annual land
	C) the dens int willings 266	us is an allele of the gene for number cooks
	D) The alleles for smooth see	eds and purple flowers are dominant
Q.24	Suppose that in pariety pro	ants, the allele for tall stalks is dominant over short stalks and
	the where tot with leaves	is commant over thin leaves. What would be the best week
	determine the denotybe o	a pariety plant with a tall stalk and wide leaves?
	B) Parinem a testemes with	barley plant that has a short stalk and thin leaves
	C) Perform a testerose with	barley plant that has a tall stalk and wide leaves known heterozygous barley plant
	D) Perform a testeross with	a barley plant that has a tall stalk and thin leaves
Q.25	If a homozygous red flow	ered plant is crossed with a homozygous white flowered plant
-	the offspring will be.	ereo profit is a asset with a nomozygous write flowered plant
	A)half white flowered	C)half red flowered
	B)ail white flowered	D)all red flowered
Q.2	_	ay anything about recombination and crossing over because.
	A)He did not have a large a	nd strong microscope
	B)He chose only pure type	ne strong tiretescope
	C)Traits he chose were not	nked and present on different chromosomes or were far apart
	P) Taits he chose had no o	PUBC
-	Agglutination is:	Table 1 * Star and
Q.3	A) December	C) Haemolysis
Q.3	ar resolution of dot	
<b>Q-3</b>	A) Resolution of dot  B) Clumping of RBC's	
Q-1	B) Clumping of RBC's	D) None



	If genotype of two traits is Gg BB,	the possible gametes are.							
Q.28	If genotype of two traits is 6g bb,	C) Gg.BB							
	A) GB, gB	both expressed in a heterozygote are called:  C) Co-dominance  C) Co-dominance							
	B) G g, BB	both expressed in a leader							
Q.29	Different alleles of a gene that are	C) Co-dominance							
	A) Complete dominance	D) Over dominance							
	A) Complete dominance     B) Incomplete dominance     All the genes found in breeding pop	milation at a given time.							
Q.30	All the genes found in breeding pop	C) Gene pool							
	A) Population	D) Genomic liberary.							
	B) Genome Which trait in human is an example	of multiple alieles?							
Q.31	Which trait in human is an example	C) skin colour							
4.0-	A) Eve colour	D) Rh-blood group							
	B) ABO- blood group	D) Rh-blood group ne locus suppresses the effect of a gene at anothe							
Q.32	When the presence of a gene at o	He I							
dian	locus, the phenomenon is called:	C) bleiggobs							
	A) Hypostasis	D) Epitropy							
	B) Enistasis	in humans is represented by symbol.							
Q.33	The gene for ABO-blood group syste	D) Epitropy em in humans is represented by symbol:  C) I							
Anna	A L W	LILVA TO THE TOTAL THE TOTAL TO THE TOTAL TOTAL TO THE TO							
	B) Y	upon the nature of:							
Q.34	B) Y In men sex-determination depends	C) Homogametic female							
Q.34	A) Heterogametic male	D) Homogametic male							
	B) Heterogametic female	of another gene at another locus, the phenomenon							
0.21	When a gene suppresses the effect	OI BITOSING							
Q.3	termed as:	C) Epistasis							
	A) Over-dominance	D) Co-dominance							
	R) Pleiotropy								
- 2	B) Pleiotropy     Position of an allele within a DNA m	C) Origin							
Q.3	A) Locus	D) Filial							
	m) Amplican	D) I mo							
0.2	· · · · · · · · · · · · · · · · · · ·	C) Phospholipids							
Q.3	A) Glycoprotein	D) Sphingomylin							
Q.3	THE RESERVE OF THE PROPERTY OF THE PERSON OF	C) Multiple genes							
Q.30	A) Polygenes	D) Multiple mulation							
	- Las de de allaloc								
Q.35	Which one of the following is X-links	C) Diabetes mellitus							
	A) Male pattern baloness	D) Erythroblastosis foetalis							
	B) Haemophilia								
Q.40	A character determined by three alle	C) Human blood group							
	A) Human skin colour	D) Human Rh factor							
	B) Human eye colour								
Q.41		C) Allele pool							
	A) Gene pool	D) Genomic library							
1	B) Genome	with the following genotypes (AABB x aabB). Base							
Q.42	Starting with a P generation	what is the expected phanotypic ratio observed							
		what is the expected phenotypic ratio observed							
	among the F2 progeny?								
	A) 9:3:3:1	C) 1:2:1							
	B) 3:1	D) 1:1							
Q.43									
	A) It tests whether an unknown individual is homozygous or heterozygous.								
	B) The test individual is crossed with a h								
	<ul><li>C) If the test individual is heterozygous,</li></ul>	the progeny will have a 1:1 ratio.							
	D) If the test individual is homozygous,	the progeny will have a 3:1 ratio.							
Q.44	The ABO blood groups in humans are	e determined by a multiple allelic system where							
	LA and LB are co dominant and domi	nant to 10. A newborn infant is type A. The mother							
	is type O. Possible genotypes of the	father are:							
	A) A, B or AB								
	B) O only	C) A, B or O							
	-, - o,	D) A or AB							

-	TION AND GENETIC/ INHERITANCE	GRIP ENTRY TEST BOOK SERIES  12,000+ Question Bank  C) Inheritance D) Segregation
45	and fact is described as law of.	of these evan 12,000 BOOK CO.
	a) Dominance	Apresses its Question SERIES
	A) Domiting factors  B) Limiting factors  Epistatic effect in which the dihybrid cre  Epistatic effect in which the dihybrid cre  S) Interaction between two allele of the s  B) Dominance of one allele on another allele  C) Interaction between two alleles of different	C) Inheritan
	solstatic effect in which the dihybrid cr	D) Segrenation other
45	A)Interaction between two allele of the	9:3:3:1 A-000
	8) Dominance of one aliele on another aliele C)Interaction between two alleles of different	ame loci
	Donattion between two alleles of different and another allele	of the same in modified
	and ance of the diele on another	
	p)Dominance of one aliele on another allele phenotype of an organism is the result	of both loci
67	stutations and linkages	of,
	- Admidshire effects and nutrition	
	cienvironmental changes and sexual dis-	
	p)Genotype and environment interactions	phism
	a woman with normal vision but whe	
48	man suppose that the fourth child as	father was and
	Must have normal colour vision	is couple was colour blind many
	A woman with normal vision but whose man suppose that the fourth child of the A) Must have normal colour vision  8) Will be partially colourblind since he is he	e father was colour blind marries a colourblind
	of Must be colourblind	eterozygous for the
	A) Must have normal colour vision  B) Will be partially colourblind since he is he  C) Must be colourblind  D) May be colourblind or may be of normal  Alberton is known to be due to	the colourblind misses
	albinism is known to be due to	vision Somal recessive mutation. The first child of a
49	couple with normal skin plomant	Somal recessive mutation. The first child of a was an albino what is the probability that their
	accord child will also be an atti	was an albino with mutation. The first at we
	second came and alono,	what is the probability the
	A)100 %	C)25%
	B)50%	D)75%  minant is homozygous or heterozygous is termed.
50	A cross used to ascertain whether a do	minant is homo
	A) test cross	C) Reciprocal
	B) Back closs	D) Linkage cross
51	The seeds taken by mendel in his dihyl	brid cross were
	K) Orecit to the female	C) Red round and yellow wrinkled  D) None
	B) Yellow round and green wrinkled	D) None
52	when mender crossed a red flowered d	ominant with a white flowered recessive plant of
	F1 generation were.	nowered recessive plant of
	A) All white flowered	
	B) All red flowered	
	C)75% white flowered and 25% red flowers	ed plants
	D)50% white flowered and 50% red flower	ed plants
53	In a dihybrid cross four phenotypes for	rm in the ration of 9:3:3;1 because of.
	A) Dominance of one phenotype in each pa	if of contrasting traits
	8) Independent assortment of the genes of	contrasting traits
	C)Gene crossing over	
	D)Mixed effect of dominance and independ	
14	Secretors have dominant secretor ger	
	A) 7	C) 9
	B) II	D)19
55	Basic unit of biological information is	
	A) Gene	C) DNA
	B) Nucleotide	D) Codan
\$6	Starting with a cross between A	A and aa, the proportion of heterozygotes in the
	F2 progeny will be	
	A) 1/8	C)1/4
	8) 1/2	D) All heterozygotes
	+	
		Y Comments of the Comments of

VARIATION AND GENETIC/ INHERITANCE

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## ANSWERS

-	13	В	3.	В	4.	A	5.	A	-	_				
C	2.	_	11.	A	12.	-			6.	В	7.	C	8,	D
C	10.	D	**		12.	D	13,	В	14.	В	15.	-		_
1	18.	D	19.	В	20.	A	21.	D	22.	_		С	16.	D
D		C	27.	В	28.	A	29.		-	D	23,	C	24.	A
0	26.			-				C	30.	C	31.	В	32.	В
C	34.	A	35.	С	36.	A	37.	A	38.	В	39.	В	40.	_
	42.	A	43.	D	44.	D	45.	A	46.	_	-		-	C
A		A	51.	В	52.	В	F2	-	-	C	47.	D	48.	В
C	50.						53.	В	54.		55.	A	56.	В
C	58.	D	59.	С	60.	D	61.	D	62,	D	63.	С	64.	A
D	66.	D	67.	D	68.	В	69.	A	70.		-	-	-	
1									-		71.		72.	